A DISSERTATION ON

GESTATIONAL AGE ASSESSMENT IN NEWBORN USING SIMPLE PHYSICAL CRITERIA

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CERTIFICATE

This is to certify that the dissertation entitled **"GESTATIONAL AGE ASSESSMENT OF NEWBORN USING SIMPLE PHYSICAL CRITERIA"** submitted by **DR.P.RAMYA** to the faculty of paediatrics, The Tamil Nadu DR.M.G.R. Medical University, Chennai in partial fulfilment of the requirements for the award of M.D Degree Branch VII (Paediatrics) is a bonafide research work carried out by her under our direct supervision and guidance.

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DECLARATION

I **Dr.P. RAMYA** solemnly declare that the dissertation titled **"GESTATIONAL AGE ASSESSMENT OF NEWBORN USING SIMPLE PHYSICAL CRITERIA"** has been prepared by me.

This is submitted to the **Tamilnadu Dr.M.G.R.Medical University,** Chennai in partial fulfilment of the rules and regulations for the M.D.Degree Examination in Paediatrics.

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CONTENTS

INTRODUCTION

Pregnancy period is the duration after conception to delivery of the baby during which the fetus grows inside the uterus. It is commonly expressed in completed weeks.

A Term pregnancy is approximately forty weeks ranging between thirty seven to forty one completed weeks.

Preterm is defined as gestational age less than thirty seven weeks.

Post term defined as gestational age more than forty two weeks.

"Small for date" newborns are those babies with a birth weight below the tenth percentile for the corresponding duration of pregnancy.

"Large for date" newborns are those babies with a birth weight above the ninetieth percentile for the corresponding duration of pregnancy.

"Adequate for date" newborns are those with birth weight between tenth to ninetieth percentiles for the corresponding duration of pregnancy.

Why this study is essential?

Among Indian babies, about 30% is born as LBW babies.[26]

These infants are anatomically and functionally immature and therefore their mortality is high.

About 80% of all neonatal deaths occur among low birth weight and preterm babies in both developed and developing countries.[26]

These premature infants are at risk for developing many complications like hypothermia, hypoglycemia, hypocalcaemia, respiratory distress syndrome, sepsis, hyperbilirubinemia, intraventricular hemorrhage, Retinopathy of prematurity and feeding difficulties.[24, 25]

Above all, the prognosis for survival and psychomotor development depend only on exact determination of fetal maturity.

This indicates the importance of early identification of low birth weight and preterm babies at the rural setup where no medical care facilities are available and early reference to higher centers is essential.

Pediatricians dealing with newborn babies must know their actual gestational age. All methods of gestational age assessment devised are not suitable for routine clinical use.

Some methods require special experience and few are time consuming and complex. All the above, the method itself should not be hazardous to the high risk newborn.

Due to non-availability of resources in the form of trained or expert health care staff and lack of basic facilities such as weighing machines made the situation even worse in rural areas.

This indicates the need for an easy physical scoring method which can predict gestational age.

The scoring method should be reliable, having a very good correlation with both birth weight and gestational age in all groups of new born babies such as preterm, term and post-term.

This alternative measurement should be easy to be conducted even by inexperienced health care staff and should have a very little intra and inter observer variability.

So establishing a simple, reliable physical scoring method is the need of the hour in the rural areas for early referral of high risk babies to tertiary care centers.

Normally we use New Ballard scoring[9] for assessment of the age of the newborn which consist of physical and neuromuscular maturity scoring.

Based on the overall score gestational age of the newborn is calculated given in the Table 1.

The individual components of the New Ballard scoring [9] for assessment of new-born are described below

1. **The posture of the baby:**

The posture of a newborn infant is studied only when the baby is at rest. This is determined by the muscle tone of the whole body. It is also regulated by the resistance shown by each group of muscles against the gravity.

Initially inside the uterus, fetus is in semi flexed position. As the maturation increases, the fetus slowly assumes to universal flexed position.

This gradual transition to universal flexed position starts from the lower limbs and then involves the upper limbs.

In very early gestation only the ankles are flexed. As wrists just begin to bend, the Knees will start bending. Hip flexion, then followed by abduction is just ahead of elbow and finally the shoulder girdle flexion.

The preterm babies primarily exhibits unopposed passive extensor tone. As the baby reaches term gestation, it shows progressively less opposed passive flexor tone.

PROCEDURE:

To examine the position, the infant is placed supine if it is found prone and the examiner has to wait until the infant adapts to this relaxed position. If the infant is found supine, gentle manipulation of the extremities is done by flexing the limbs if extended and to extend if flexed. This will allow the infant to assume the baseline position of comfort.

2. **Square Window:**

It is defined as the angle of flexion at the wrist as a result of wrist flexibility and opposition to extensor muscle stretching.

Procedure:

To elicit this, examiner initially straightens the infant's fingers and gentle applies pressure on the dorsum of the hand, close to the fingers. The

resulting angle between the palm of the infant's hand and forearm is measured.

It is estimated at >90°, 90°, 60°, 45°, 30°, and 0° respectively from the extremely pre-term to post-term

3. Recoiling of upper limbs:

In this procedure, the main objective is to test the tone of biceps under passive flexion. This could be done by extending the upper limb for few seconds and allowing to recoil and measuring the degree of recoil in that baby.

PROCEDURE:

Keep the baby in supine posture and support the baby's elbow with one hand which is usually kept in flexed position. Now extend the arm of the baby for a second and immediately release it and measure the angle of recoiling.

Using the table we can choose the individual score. Extremely premature babies will have less recoiling of arms. Mature babies (Term and Post term) will have good recoiling of arms with their hands close to their face.

NOTE:

Do not keep the arms in extended position for a long time because this will lead to weakness of the flexor muscles of the arm in a newborn infant.

4. Popliteal Angle of knee joint:

Similar to arm recoil, the main objective of this procedure is to test the tone of flexor muscles of the knee joint. This is determined by the resistance shown by the flexor muscles on stretching to the opposite side.

PROCEDURE:

When the baby is silent and relaxed, Place the baby in supine position after removing the diapers.

Hold the knee and hip in flexion and gently put the thigh over the baby's abdomen. Wait till the baby adjusts to this new position.

Now hold the sides of foot of the baby with one hand while the other hand supporting the sides of the thigh. Gradually extend the leg till the opposition is noted.

Certain babies may show prominent hamstring muscles on tightening which can be taken as definite point.

The angle formed between the thigh and leg is measured which forms the popliteal angle.

NOTE:

We have to wait till the baby adapts to this new posture.

Do not hold the leg of the baby in extended posture for a long period of time as it can lead on to weakness of hamstring muscles of the leg.
This will lead to false calculation of maturation.

Babies who have been delivered in frank breech position will have weakness of hamstring muscles of leg due to prolonged extension within the uterus.

This will cause interference with the examination and also cause false determination of maturity till first 48 hours.

So it can be done after 48hours of birth for assessing the tone.

In some infants, hamstring contraction may be visualized during this procedure. At this point the angle formed is measured at the knee by the upper and lower part of the leg.

5. Scarf sign:

Here the main objective is to test the muscle tone of the flexors of the shoulder joint.

PROCEDURE:

Make the baby to lie in supine position. Keep the baby's head in midline and pull the hand across the chest of the baby by holding it while the other hand supports the elbow of the infant.

Note the resistance offered by the posterior flexor muscles of the shoulder girdle against the stretch of the hands across the chest.

So this can be taken as an endpoint in assessing the tone of the shoulder girdle muscle where it can be moved easily without undue tension.

The score is given as the following:

When the level of the elbow is at the level of neck it is given point as -1.

The point of '0' is given at the level of axillary line on the opposite side.

The point of '1' is given at the level of nipple line on the opposite side.

The point of '2' is given at the level of xiphoid process

The point of ‘3’ is given at the level of nipple line on the same side.

The point of ‘4’ is given at the level of axillary line on the same side.

According to the above method, an appropriate box can be selected.

6. Heel to Ear test:

Similar to the scarf sign, here the main objective is to test the tone of the muscles of the pelvic joint. This can be done by measuring the opposition offered against the stretch of the muscles.

PROCEDURE:

By making the baby to lie in supine position, gently bend the lower limb and keep it along the sides of abdomen of the baby.

We have to wait till the baby adapts to this new position contentedly. Now by supporting the sides of the thigh of the baby with one hand, hold the foot and pull it towards the ear on the same side.

Note the resistance offered against the stretch of the muscle towards the ear. This can be taken as the end point.

The points can be given when the resistance is felt as follows:

The point of '-1' is given when the heel is at the level of ear.

The point of '0' is given when the heel is at the level of nose.

The point of '1' is given when the heel is at the level of chin.

The point of '2' is given when the heel is at the level of nipple.

The point of '3' is given when the heel is at the level of umbilicus.

The point of '4' is given when the heel is at the level of femoral crease.

Based on the above scoring method, an appropriate box can be selected.

PHYSICAL MATURITY SIGNS

1. **Texture of the skin.**

As the maturation of the baby progresses, the fetal skin also attains maturity.

During the development, the fetal skin appears very transparent and adherent in earlier stages. Later it becomes even and slowly gets toughened. At the end, the fetal skin becomes shrunken, develop red rashes and also flaks off.

Finally it produces a protective covering called vernix caseosa. This starts to distribute only in the later part of development.

At the end of gestation, baby starts to pass meconium which acts as an irritant that produces a stiff rubbery, crackled, parchment like skin.

2. **Lanugo of the skin:**

The whole body of the fetus is covered by a fine hair called Lanugo.

There is no lanugo formed during the early period of development. Around sixth month of gestation, lanugo starts to appears. Slowly it becomes abundant and around seventh month of gestation, it usually involves the shoulders and the upper back.

As the pregnancy period progresses, the fetus assume a flexed position gradually. At the same time, thinning of lanugo occur which usually involves the lower back and the lumbo sacral area.

At the end of pregnancy period, full term baby is fully devoid of lanugo.

Certain factors like familial, hormonal, metabolic and finally the nutrition can cause difference in the quantity and distribution of lanugo in a newborn baby for a particular gestational age.

Babies born to a diabetic mother have a characteristic distribution of lanugo particularly involving the upper back and ears towards the end of gestation.

We have to score accordingly and select the box appropriately using the table.

3. **a. Foot creases:**

Appearance of creases on the plantar surface of the sole depends on the maturity of the fetus.

In the early period of pregnancy, fetus doesn't have any foot creases. As the pregnancy progresses, fetus assumes flexed posture within the uterus. This factor along with the dehydration causes the plantar crease to appear.

It initially involves the superior part of the foot and gradually extends up to the heel of the foot when the fetus becomes fully mature.

African infants have delayed appearance or reduced number of creases at birth. But this can be compensated by accelerated maturation of neurological features.

Hence there is no much racial difference in using this variable in assessing the maturity of newborns.

Appropriate box can be selected according the appearance of sole creases.

4. **b. Measurement of Foot length**:

Measuring the span of the foot is another useful variable which can be applied for those newborn babies where foot crease is not appropriate like in the case of very premature babies.

This can be done by measuring the distance between the great toes to the tip of the heel using the inch tape. This can be precisely measured by keeping the foot stretched.

The scoring method is as follows:

A point of '-2' is given when the length of the foot is less than 40mm. A point of '-1' is given when the length is between 40mm to 50mm.

A point of '0' is given when the length is above 50mm.

According to the points given, an appropriate box is selected.

5. **Measurement of breast size:**

The growth of the breast mass is also a useful variable in assessing the maturity status of the newborn. Development of the breast mass depends on various factors like maternal hormonal status and the nutritional status.

Procedure:

Hold the breast mass between the great and the index finger. Measure the width of the breast mass in millimetres. The points are given as follows:

The point of '-2' is given when the nipple is indiscernible

The point of '-1' is given when the nipple is hardly noticeable

The point of '0' is given when the breast bud is not palpable.

When the breast bud diameter is one to two mm, the point given is '1'.

When the breast bud diameter is three to four mm, the point given is '2'

When the diameter of the breast bud is above five mm, the point given is '3'.

Note: If the mass of the breast bud is disproportionate on both sides, then opt for the bigger one. Baby having gynecomastia due to maternal hormonal effect will usually appear after two days of birth.

6. a. Ear firmness:

Ear firmness of a newborn baby is determined by the quantity of cartilage. The amount and distribution of the ear cartilage differs according to the maturation status of the baby.

PROCEDURE:

The two main features which has to be noted are

1) The distribution and thickness of the ear cartilage

2) Recoiling of ear fold.

Palpate the ear cartilage of the newborn baby gently to look for its thickness. The next step is to look for the flexibility of ear fold by moulding to odd shape and look for recoiling.

During the early period, there is no recoiling of ear fold and the ear stays flat as there is no cartilage formation. As the maturity increases, the rapidity of recoiling also increases. There is also increase in curvature of ear fold with well formed cartilage. According to the scoring methods, an appropriate box is selected.

5. b. EYELID DEVELOPMENT:

Eyelid development can also be included to study the maturity status of the newborn baby.

PROCEDURE:

Here we are going to notice whether the eyelids of the newborn baby could be opened up or not.

When the baby is silent and not crying, gently apply very minimal pressure to separate the fused eyelids. In earlier periods of maturation it is very difficult to separate the firmly fused eyelids which can be scored as '-2'.

As the maturity increases, those fused eyelids could be partly separable and the points given as '-1'.

At the end of maturation, eyelids are kept open for which the points given are '0'.

According to the above scoring methods, an appropriate box is selected.

NOTE:

Each baby has their individual variation in fusion of eyelids based on their certain factors like hormonal and stress.

7. a. Genitals – Male

Once genotypic sex is determined, then gonads will start to differentiate along its pathway. Gonadal development is also dependant on the maturation of the baby and the hormonal influences.

Around seventh month of pregnancy, the male gonad starts to travel down along the gubernaculum from the peritoneal cavity into the inguinal canal.

At the beginning of eight month of pregnancy, male gonads lie within the inguinal canal. At its end, gonads reach towards the superior ring of the inguinal canal.

During the travel of male gonads, scrotal skin slowly gets more pigmentation and the rugosities also increases with the maturity of the baby.

In Early period of pregnancy, male gonads have not yet descended and the scrotum looks empty with less number of rugosities and pigmentation.

As the maturation progresses, the gonads have descended and scrotal skin has more rugosities and pigmentation. The size of scrotum also enlarges and becomes pendulous.

Usually gonads will descend slightly ahead on the left side when compared to the right side.

Note:

In undescended male gonads, if it is present unilaterally, the assessment can be done based on the normal side. If it is present on both the sides, then the score given same as that of other variables used in the assessment of the newborn.

b. Genitals – Female

Here the examiner holds the leg of the infant in semiflexed and slightly abducted position.

In preterm female babies, Clitoris will appear prominent and the labia is flat. As maturity progresses, Labia majora and minora grows and finally labia majora becomes large enough to close clitoris and labia minora completely.

According to the findings, appropriate square is selected and scoring is done.

REVIEW OF LITERATURE

J.M.PARKIN et al [1]

Knowledge about the gestational age of newborn babies will help to modify their care and help in decreasing the infant mortality rate. In order to distinguish between preterm and light for date babies, gestational age should not be affected significantly by the quality of intrauterine growth.

Of the many methods that have been described, the clinical methods appear to give the best prediction of gestational age (Finnstrom, 1972b) and only these are likely to be of wide-spread value in assessing the gestational age in newborn nurseries.

The use of huge number of variables as that of Dubowitz [16], Farr [17], etc could weaken the value of those evaluation methods. This is because it is more difficult to attain the obligatory skills for examination. It is more lengthy and troubling for a sick baby.

The author tries to explore the opportunity of reducing the number of variables scored without seriously disturbing the precision of the calculation of gestational age.

(a) The majority of the neurological signs do not correlate as highly with gestational age as do the external characteristics.

(b) Neurological scores display lesser inter observer conformity and also tend to be more affected by postnatal age.

(c) The 'best' physical characteristics found are skin redness, ear flexibility, breast mass, foot skin creases, and skin consistency.

He has proposed a new criterion which consists of very limited external features. This includes consistency of the skin, redness of skin, development of the breast bud and distribution of the ear cartilage.

They are discussed as follows:

1. **Texture of the skin:**

The consistency of the skin also varies according to the maturity status of the baby. It is very slender in the early period of development and as the maturity progresses, it slowly gets toughened.

It is tested by holding a skin tuft of the belly with the index and the great finger.

The following points are given as follows:

A point of ‘0’ is given when the skin of the baby is very slender with sticky feel.

A point of ‘1’ is given when the skin of the baby is thin and soft in nature.

A point of ‘2’ is given when the skin of the baby is soft with intermediate thickness and shows some red rash or slight skin flaking.

A point of ‘3’ is given when the skin shows slight increase in thickness than point ‘2’ with rigid feeling and surface crackling and flaking principally involving the palms and soles.

A point of ‘4’ is given when the skin is chunky with parchment like feel with surface or deep crackling.

2. **Skin colour:**

The redness of skin also varies depending on the maturity status of the baby. Note that we have to observe the redness of the skin when the baby is silent and the points are given as follows:

A point of ‘0’ is given when the skin looks bright red all over the body.

A point of ‘1’ is given when the skin looks red of same intensity throughout the body.

A point of ‘2’ is given when the skin looks sallow red with uneven intensity in various parts of the body.

A point of ‘3’ is given when the skin looks pallid except for palms and soles.

3. **Examination of breast size:**

The breast mass also varies based on the maturity status of the baby.

It can be tested by holding the breast mass between the index and the great finger. The points are given as follows:

A point of ‘0’ is given when there is absent development of breast mass.

A point of ‘1’ is given when the width of the mass measures less than half centimetre.

A point of ‘2’ is given when the width measures between half to one centimetre in size.

A point of ‘3’ is given when the width measures above one centimetre in size.

4. **Firmness of ear folds:**

The ear flexibility varies with the maturation of the baby. The ear flexibility is determined by the development and distribution of cartilage.

It is examined by careful observation of the flexibility of ear folds and the points are given as follows:

A point of ‘0’ is given when the ear fold feels yielding and stays in the same position when moulded to odd shapes.

A point of ‘1’ is given when the ear folds remain yielding but gradually comes back when moulded to odd shapes.

A point of ‘2’ is given when the ear folds comes back faster than point ‘1’ when moulded to odd shapes due to the presence of cartilage in varying proportions.

A point of ‘3’ is given when the complete formation of cartilage and so the ear folds comes back instantly when being moulded into odd shapes.

The total score obtained by summing up of individual score and with the total score, gestational age of that particular baby can be arrived by using the following tabulation.

SCORE	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
DAYS	**190**	**210**	**230**	**240**	**250**	**260**	**270**	**276**	**281**	**285**	**290**	**295**
WEEKS	**27**	**30**	**33**	**34**	**36**	**37**	**38**	**39**	**40**	**41**	**41**	**42**

FINNSTROM et al [2] has done assessment of gestational age based on external characteristics. It was found to be non tedious, techniquely easy and useful method so that it can be applied even for ill babies.

There was only minimal increase in the accuracy by adding neurological features to physical features in estimating gestational age.

METHODS OF ASSESSMENT:

Babies of postnatal age less than three days are examined. Seven characteristics were analysed and points were given accordingly as follows.

1. **Examination of breast size:**

The development of breast depends on the maturity status of the baby.

The width of the breast buds are measured on both sides with a measuring inch tape and the points given as follows:

A point of ‘1’ is given if the width measures less than five mm.

A point of ‘2’ is given if the width measures five to ten mm.

A point of ‘3’ is given if the width measures above ten mm.

2. Pattern of the nipple formation:

Here the formation of nipple is analysed and the points can be as follows:

A point of ‘1’ is given when the nipple is not formed or less visualized with no areola formation adjoining it.

A point of ‘2’is given when the nipple are visualized and well formed. Here adjoining areola are formed but not raised.

A point of ‘3’is given when the nipples and the adjoining areola are well formed.

3.**Skin opacity:**

Here we analyze the opacity of the skin which varies according to the maturation status of the baby.

This can be done by examining the chest and abdomen region of the newborn infant and the points are given as follows.

A point of ‘1’is given when we can visualize large number of veins with its smaller branches.

A point of ‘2’is given when we can visualize veins with only few branches.

A point of ‘3’ is given when we can visualize only bigger veins with very few branches.

A point of ‘4’ is given when we can visualize hardly any bigger veins over the chest and the abdomen.

As the maturity progresses, skin slowly gets thickened and its translucency is also reduced.

4. **Examination of Scalp hair**:

5.The appearance and the consistency of the hairs over the head can also be used in the determination of the maturity status of the newborn.

Here they observe the quality of hair over the scalp and the points are given as follows:

A point of ‘1’ is given when the hair appears wooly and fuzzy. They appear as a group of hair strands where it is difficult to look for single hair.

A point of ‘2’ is given when the hair looks shiny and usually straight. Here it is easy to look for single hair strands.

Note:

There can be slight variation in the appearance of hair over the scalp depending on the national traits.

6. **Firmness of ears**:

Distribution of ear cartilage also depends on the maturity status of the baby.

In the early part of development cartilage may be absent or less formed. As the maturity progresses, cartilage content increases and becomes more flexible and thus firm ears are formed.

This can be judged by palpation of the ears and the points are given as follows:

A point of ‘1’ is given when there is absent cartilage formation.

A point of ‘2’ is given when there is cartilage distribution seen only in the region opposite to tragus.

A point of ‘3’ is given when the cartilage distribution extends to the region just below the helix i.e anti helix

A point of ‘4’ is given when there is established cartilage distribution involving the curved part of the ear i.e helix.

NOTE: There can be dissimilarity between the two ears of the baby. In those situations, judgment can be done according to the mature ear among the two.

7. Examination of finger nails:

The formation and the growth of the nails also depend on the maturity status of the baby.

In the early part of pregnancy, nails are not well formed. As the maturity progresses, the growth of the nails also increases and extends above finger tips.

The examinations of finger nails are done by visualization and feel for the nail tips and the points are given as follows:

A point of ‘1’is given when the nails do not extend up to the edge of the fingers.

A point of ‘2’ is given when the nails extends up to the edge of the fingers.

A point of ‘3’ is given when the nails cross or extends above the edge of the fingers. Here the nails become firm and feel for the scratch by the nails.

8. **Appearance of Foot creases**:

The appearance of foot skin creases also depend on the maturity status of the baby and the position of the baby within the uterus.

In early part of the pregnancy, there is absent and followed by appearance of single crease. As the maturity progresses, there is gradual increase in the foot crease appearance involving the whole foot.

Clear visualization of foot creases can be done by stretching the foot and analysis is done as follows:

A point of ‘1’ is given when there is no appearance of foot crease.

A point of ‘2’ is given when there is appearance of single horizontal crease in the superior part of the foot.

A point of ‘3’ is given where the crease is distributed along the two – thirds of superior part of the foot.

A point of ‘4’is given when the crease appears to involve the whole foot of the baby.

Here the last criteria i.e Pupillary membrane is not taken in our study as the author itself has mentioned there is no much difference in gestational age assessment even with using seven criteria.

Examination of pupillary membrane in newborn is difficult and shall cause disturbance in sick newborns.

Finnstrom [2] has devised this method of determining maturity status in newborn by combining features extracted from various authors.

This includes development of breast bud and nipple along with translucency of the skin extracted from Farr et al [17].

Consistency of scalp hair and appearance and distribution of foot skin crease were extracted from Usher et al.

Distribution and formation of ear cartilage and development of upper digital nails were extracted from von Harnack and Oster et al.

The details of these scores and the corresponding gestational age are described the table.3

SCORE	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
DAYS	191	198	204	211	217	224	230	237	243	250	256	263	269	276	282	289	295

Eregie et al. [3,4]

Generally the brain growth is reflected by head circumference and the growth of fat and muscle tissues is reflected by Mid-arm Circumference (MAC). The high accuracy in the estimation of gestational age suggests the clinical usefulness of the model.

Osayande Eregie et al[3,4] reported a simple and reliable scoring system for determination of gestational age. This can be used by all cadres of health personnel.

Early recognition of high-risk neonates at all levels of health care is a rewarding step in reducing neonatal morbidity and mortality. Such sick neonates require special care or prompt referral to higher centres.

C O EREGIE et al [4] has done another study in the African babies for maturity determination. This method consists of only six physical features for evaluation.

This includes HC, MAC, Skin consistency, ear fold flexibility, breast mass and the external genitalia. They had high significant correlation with gestational age assessment in the studied population.

This is helpful in the rapid and precise identification of high risk infants which requires timely recognition, management and referral as appropriate.

This method excludes the neurological features so that it can be even applied to sick neonates.

Exclusion of neurological features in this new model has improved the accuracy of maturity and there is found to be better correlation between external characteristics and gestational age than the neurological features.

Dubowitz et al[16] have shown that score for whites and non-whites differ with neurological features due to the effect of race or socio economic status.

In their analysis, it was found that inter scorer agreement with neurological features is poorer when compared with external features.

Even in SGA infants, this method is found to be useful, since there is relative sparing of brain growth and so measurement of head circumference in IUGR babies can be taken for assessing the gestational age.

Especially in developing countries, this model serves as a simple and appropriate clinical tool for prompt and reliable identification of high risk infants.

This method devised by Eregie et al[4] is described as follows:

1. **Measurement of circumference of head:**

The dimension of the head is measured by its circumference also increases with the maturity status of the baby. It is measured by using inch tape and the points are given as follows:

A point of '0' is given when it measures less than 25.4 cm

A point of '1' is given when it measures between 25.4 to 28.8cm.

A point of '2' is given when it measures between 28.8 to 30.6cm.

A point of '3' is given when it measures between 30.6 to 33.4cm.

A point of '4' is given when it measures between 33.4 to 34.7cm.

A point of '5' is given when it measures above 34.7cm.

2. **Measurement of middle upper arm circumference:**

Middle upper arm perimeter reflects the nutritional status of the baby but also varies according to the maturity status of the baby.

It is measured using the inch tape at the midpoint of the upper arm and the points are given as follows:

A point of ‘0’ is given when it ranges below 6.9cm

A point of ‘1’ is given when it ranges between 6.9 to 7.9cm.

A point of ‘2’ is given when it ranges between 7.9 to 8.6cm.

A point of ‘3’ is given when it ranges between 8.6 to 9.9cm.

A point of ‘4’ is given when it ranges between 9.9 to 10.7cm.

A point of ‘5’ is given when it ranges above 10.7cm.

3. **Texture of the skin:**

The consistency of the skin also varies based on the maturity status of the baby.

The points are given as follows:

A point of ‘0’ is given here when the skin looks very slender and sticky.

A point of ‘1’ is given when the skin looks slender and soft.

A point of ‘2’ is given when the skin looks soft with intermediate toughness, Surface flaking and red rashes.

A point of ‘3’ is given when the skin shows slight increase in toughness and surface crackling and flaking principally involving palms and soles.

A point of ‘4’ is given when skin feels tough and parchment like with deep crackling and wrinkle

4. **Formation of Ear fold:**

The structure of the ear fold mainly depends on the development of cartilaginous structure. This can be used as an indicator for determining the maturity status of the baby.

The points are given as follows:

A point of ‘0’ is given when the ear fold stays flat with very less curvature.

A point of ‘1’ is given when there is slight increase in curvature of the rim of the ear fold.

A point of ‘2’ is given when there is incomplete formation of curvature involving the superior part of ear fold.

A point of ‘3’ is given when there is complete formation of distinct curvature of the entire superior part of the ear fold.

5. **Examination of breast size:**

The development of breast mass depends on the maturity status of the baby and also the hormonal status of the mother.

The points are given as follows:

A point of ‘0’ is given when there is absent formation of breast mass.

A point of ‘1’is given when the width of the mass measures below half cm.

A point of ‘2’ is given when the width measures between half to one cm.

A point of ‘3’is given when the width of the mass measures above one cm.

6. Examination of external genitalia:

Development of external genitalia is purely dependant on hormonal status of the baby and the mother. The appearance varies according to the maturation of the baby.

By observing the genitals, the points are given as follows:

In Male babies:

A point of ‘0’ is given when both the testis have not descended into the scrotal bag.

A point of ‘1’ is given when no less than one testis visualise in the upper part of the scrotal bag.

A point of ‘2’ is given when no less than one testis found descended into the scrotal bag.

In female babies:

A point of ‘0’ is given when the minor labium is larger and projecting out whereas the major labium is broadly separated.

A point of ‘1’ is given when the majora approximately covers the minora.

A point of ‘2’ is given when the majora entirely covers the minora.

The final score is obtained from summing up of the individual score. This can be matched to get the gestational age of that particular baby by using the following table.

FULL CRITERIA	**5**	**10**	**15**	**20**
	30-31	**33-34**	**36-37**	**>40**

Von Voss et al.[5]

As per the available literature, the survival of high risk infant depends not only on the actual birth weight but also on the gestational age of the baby. Even in pregnancies of same duration, infants can differ in their weight, length and head circumferences.

According to their possible differences, newborns are designated as "adequate for date", "small for date" and "large for date".

Small for date premature infants are subjected to more risks.

Methods for determination of the maturity must have the following characteristics like

1. Ease of learning the examination method
2. Determination of gestational age recognizable criteria
3. Minimal time requirement
4. Greatest possible power of discrimination
5. Less inter-observer reliability and
6. High reproducibility.

The percentile curves introduced by LUBCHENCO et al[18] are generally referred as "Colorado" curves.

It is one of the best classifications for small for date, adequate and large for date in newborns.

"Small for date" newborns are those with a birth weight below the tenth percentile for the corresponding duration of pregnancy.

"Large for date" newborns are those babies with a birth weight above the ninetieth percentile for the corresponding duration of pregnancy.

Among the many method described above, those using the external signs of maturity have been found to be more consistent and reproducible.

Peace I. Opara et al.[6]

Determination of maturity in newborn can be done by several methods used both in the intra uterine and extra uterine period.

In the antenatal period, the most often used methods of determining the maturity is by calculation from the maternal last date of menstruation and the sonological determination of fetal maturity.

After delivery of the newborn, maturity can be determined by assessing the external, neurological features and the vascularisation of the lens.

Antenatal determination of fetal maturity:

Clinical methods:

Maternal last date of menstruation:

A full term pregnancy can be stated as two hundred and sixty six days from the day of conception as by the rule of Naegele.

The formula commonly used is **Expected date of delivery = LMP + 7 days - 3 months.**

The maturity of the newborn calculated based on the last date of mother's menstruation involves correct memory of the date by the infant's mother.

But this method of collecting data by using the memory of the mother is not always possible particularly in the developing countries because of less awareness and delayed booking for the pregnancy care.

There are certain other factors that can lead to imprecise judgment of maturity. They are irregular periods which lead to confusion of spotting even after pregnancy, using OCPS, getting pregnant immediately after delivery (Lactational amenorrhoea) and missed abortions.

About one third of newborn babies are identified false positively as less mature infants based on the maternal last date of menstruation.

Other antenatal Clinical determining methods:

Other antenatal methods used in determining the maturity of newborn includes

A) Time of perceiving initial fetal movements around fourth month of pregnancy.
B) Identifying fetal cardiac sounds using Doppler at the end of first three months
C) By using fetoscope around five months of pregnancy.
D) Measuring the height of fundus from the pubis symphysis.

Determination of maturity in newborns using Fundo - symphysis Height:

Determination of maturity is usually done by calculating the height between the pubis symphysis to fundus using palpatory method.

It is usually calculated as rise by one cm for one week from fourth to fifth month of pregnancy.

The uterine fundus is at the plane of umbilicus around fifth month of pregnancy.

At full maturation of pregnancy, the uterine fundus is at the point of sternal xiphoid process.

Anderson[20] and his colleagues have analyzed and compared every other clinical method that could be done in the antenatal period. They have included maternal last date of menstruation, time of perceiving initial fetal cardiac sounds and measurement of fundo – symphysial height.

They have arranged in an order according to their precision. The first one being maternal last date of menstrual period (if it is known correctly) followed by detection of initial fetal cardiac sounds, fundo – symphysial height and the time of perceiving initial fetal movements by the mother.

Determination of maturity by labatorious methods:

There are biochemical parameters which can be used in analysing the maturity status of newborn. [21]

It consists of estimating the amount of urea, creatinine, uric acid, lipid cells, protein, bilirubin and LS ratio from the fluid of amniotic cavity.

Among the above mentioned methods, measuring the quantity of creatinine and the LS ratio from the amniotic cavity fluid seems to be the better indicator for maturity status assessment of the newborns.

Values of creatinine measured from the amniotic cavity fluid are interpreted as follows:

Value less than 1.8mg per 100ml are seen in most of the babies less than 9 months of intra uterine period. At full term pregnancy, value more than 1.8mg per 100ml is usually noted.[21]

Note:

Certain situation which leads to strain for the fetus in conditions like PIH, PPROM would result in speedy lung maturation but in case of GDM and fetus hydrosis, the lung maturation would be delayed.

It is important to know that the above mentioned methods for determining the maturity status require tapping of fluid from the intra uterine cavity under sonographical guidance.

The greatest disadvantage associated with this method is that it requires high technical expertise which is not always possible in the developing countries.

There are certain risks associated with this procedure like infection, intra uterine bleeding and even miscarriage or loss of pregnancy.

Antenatal sonogram for the mother:

Antenatal sonogram is an important diagnostic and monitoring device in the antenatal care.

This abdominal sonogram of the mother can also be used for determining the maturity status of the fetus even when the mother does not remember her last date of menstruation.

There are different sonological parameters that can be used in the determination of the maturation status of the fetus which are as follows:

a) Measuring the magnitude of the intrauterine sac.

b) CRL

c) BPD

d) FL

e) AC and

f) HC.

The above parameters are used according to the duration of the pregnancy.

FIRST TRIMESTER:

Measuring the dimensions of the intra uterine sac can be taken as suitable in the first two months of pregnancy whereas in the late part of the first trimester, measuring the length between the head to rump can be taken as well-founded parameter in determining the fetal maturation.

SECOND TRIMESTER:

In the middle part of pregnancy, measuring the diameter between the two parietal prominences can be taken as suitable in the maturity determination.

THIRD TRIMESTER:

In the later part of pregnancy, no other parameter can be taken in the determination of fetal maturity because they tend to have more differences depending on the duration of pregnancy.Thus antenatal maternal sonogram can be used in the determination of maturity status of fetus with high safety profile when dates are not sure.

The disadvantage of this method is that it requires high technical expertise which is again not always possible in developing countries.

Extra uterine methods for maturity determination:

Examination of lens vascularisation.

Hittner et al [13] in his study has described a method for maturity assessment based on the embryological vascularisation of the lens capsule.

This can be studied only between seven to eight months of pregnancy. This is because it is difficult to visualise the blood vasculature of the lens capsule as the cornea is too obscure before seven months of pregnancy. After eight months of pregnancy, blood vessels of the lens capsule get thinned out.

As the iris of the baby in the early maturation is faded, it is tough to visualise the pupil when compared to older infants.

Hence it is tough job to determine the maturity from the pupil as it is tough to maintain the eye lids open for little time in a newborn.

Another limitation of this method in the determination of maturity status of newborn is that the examination needs retractors for eyelids, drugs for dilating the pupil, opthalmoscope and technical expertise.

Based on the distribution of blood vessels over the lens capsule, the following points are given:

The blood vessel is distributed all over the front part of the lens capsule which occurs at the end of seventh month of pregnancy and is given as the point ‘4’.

The blood vessels slowly get thinned out with gradual disappearance starting from the centre of the lens occurs between seven to eight months of pregnancy is given as the point ‘3’.

The blood vessel slowly gets thinned out with gradual disappearance involving the marginal vessel around the beginning of eight month of pregnancy is given as the point ‘2’.

Around eight months of pregnancy, only very insignificant number or no vessels is visualised over the lens plane is given as the point‘1’.

This examination for determination should be done within one day after delivery.

KL Sethia et al [23] in his study have done examination of the anterior vascular capsule for assessing the gestational age.

He inferred that pupillary membrane examination can be adopted as an adjunct with other criteria as a routine procedure.

It helps the physician to clearly identify the high risk pre-term infants and so optimum treatment can be promptly instituted early.

In addition it also gives an opportunity to detect the congenital anomalies if present, at an early date.

Assessment of Physical and Neurological Maturity:

Determination of maturity in newborn is very essential in detecting the morbidity and mortality after delivery than compared to the birth weight of the baby as the risk of very less mature baby differs from those babies with low birth baby.

Various neonatal problems such as IVH, PDA and ROP are also influenced by maturity state of the baby rather than its birth weight.

It is very important for exact determination of maturity particularly when the baby is weighing low to discriminate small for date from less mature baby.

Certain disadvantages mentioned above with the methods of maturity determination like remembering last date of menstruation and antenatal sonogram have created a way for introducing various uncomplicated and effortless, rapid determination methods for newborn by their bedside.

Many methods of determining the maturity status of the newborn using external and neurological criteria at the bedside have been proposed.

Usually, maturation of skin is expressed by the physical features whereas maturation of the central nervous system is expressed by the neurological features.

Examination of physical features is used in the determination of newborn maturity. A list of physical features was initially described by Farr et al. [17]

This is later explained by Finnstrom et al [2] which includes redness of the baby skin at birth, formation of nipple and breast buds and flexibility of ears by cartilage formation and foot creases.

These criteria are thought to be much straightforward for determining the maturity and found to be more pertinent than the neurological features.

Amiel – Tison[19] in his study has described neurological evaluation of maturity in the newborn. Recognizing muscle tone of the baby is the essential feature of this examination. This includes the study of both resting position and the 'Active tone'.

In this method, resting position of the baby is studied by the clinician by measuring the range of movements of one particular joint inertly when the infant remains at rest.

'Active tone' is measured when the infant remains moving with some stimuli given to the baby. But this appreciation of tone needs high training and expertise.

Robinson et al, in his study has studied the appearance and disappearance of certain reflexes in the newborn infants. He has not included the study of muscle tone as it was found to be difficult to perform.

He also studied the correlation of fetal maturity with appearance and disappearance of certain reflexes.

His criteria included about 20 different reflexes and responses. They are light response, neck righting response, turning head to light and many others.

Among them, the pupillary light reaction showed better relationship to gestational age assessment.

The above method was not followed later because it was found to be much difficult to perform those reflexes.

Amiel- Tyson [19] who has devised methods solitary with neurological features has also confirmed that the external features are useful indicators for the determination of newborn maturity status at any time of developmental stage.

So they have concluded that methods using only external features found to be more accurate than the methods having neurological features alone.

Dubowitz et al[16] in his study has combined both the physical and neurological features in analysing the maturity of the newborn.

It was widely used in the clinical practice for assessing the maturity of newborn baby. It has been found to be useful in all groups of babies including the African population.

The scoring method consist of ten physical features derived from Farr [17] and eleven neurological features derived from Amiel-Tyson.[19] The total score were used in the estimation of maturity of newborn infants.

The use of extensive number of parameters decreases the value of this method. The fundamental skills or training for evaluation would be hard to acquire. It is a more complex procedure in daily practice which also takes abundant time to apply the scoring method.

Subsequently many people have taken efforts to modify the above method so that it can be done with simplicity and faster yet able to determine the correct maturity by the examiner.

Ballard et al [9] has simplified the Dubowitz[16] method by excluding those features which were usually liable to change by the disease pattern or by its posture within the uterus during development.

He finally devised a method which consists of six external and six neurological features.

Ballards[9] method of determination of maturity was found to have very good association with the Dubowitz[16] maturity determining methods and the other methods.

Assessment of maturity of newborn based on combination of both external and neurological features gives good judgment.

Problems encountered with precision and practising those neurological methods have been reported. They were found to be tough for practice by the non medical person. The observation between various examiners using the same method was found to have large differences.

In the available literatures it has shown that in most of the developing countries, a large proportion of fetuses suffer from long-standing strain due to persistent starvation of the mothers.

It was found that there is an increase in the maturation of both the lungs and the brain as an adjustment to long-standing strain or hypoxia as in the case of PIH, APH, etc.

The reason for increase in neurological score in the babies other than the white population is well explained above.

Dubowitz[16] have explained the cause for differences between the races due to the end result of underprivileged living standards of the non-white people.

The long-standing undernourishment of the fetus during the intra uterine period could cause more rapid maturation of some of the neurological features.

There are Studies comparing the methods of Parkin[1], classical Dubowitz[16]and Dubowitz physical score in the maturity determination of the newborn.

They have concluded that the Parkin[1] method seems to have high association compared to classical Dubowitz[16] and Dubowitz physical scoring method. It is less tedious and faster to perform the evaluation when compared to other methods.

The major limitation of parkin's criteria[1] is by having a very restricted number of variables. The great disadvantage of having very less number of variables is improper judgement of even a single variable will grossly affect the final evaluation.

This can lead to wrong judgement of maturity status in newborn baby. Moreover, three of the four criteria used in the determination of maturity status in newborn were found to have very less correlation in the black population.

According to Parkin's method[1] of maturity determination, one of his variables included in the study is the redness of the skin. It seems to be generally not pertinent for black population.

Feresu et al in his study has also found out that it is not easy to interpret the redness of skin in black population after two days of delivery.

But in disagreement to all the above studies, Brueton and his colleagues has done a study in black population.

He has disproved that the redness of skin and the consistency of the skin still serves as an effective indicator for maturity determination. This is because those babies can yet stay red for few hours after delivery.

They have reviewed to confirm that the external features of the ballard scoring method to be more valuable when compared to that of neurological features.

Verhoeff et al[12] has conducted a study in a developing country by using those health staff at the primary care level. This is because they are the majority people who conduct delivery at village level and refer the baby to higher level when necessary.

In this study, the health staffs were not aware of maturity determination of newborn and so they were given very minimal training for evaluation.

They have compared the classical Dubowitz[16] and the NBS[9] study for the maturity determination in newborn babies.

It was found that assessment of maturity status of newborn using the external feature of the NBS method was much easier and faster.

This proves that in places where there is lack of person with technical expertise, the above method can be extremely useful to identify those babies requiring medical care.

In Early Human Development journal[7], a study was published which compares two scoring methods.The Dubowitz method[16] which was based on ten neurological criteria (derived from Amiel Tyson[19]) and eleven external criteria (derived from Farr[17]). The Finnström method[2] was based on only seven external criteria.

In this study, these two methods have been applied and comparison was made between the two scoring systems. It was found that there was no statistical difference between these two methods.

F.Sunjoh et al[8] has compared four scoring systems in a set of Cameroonian infants.

All the four methods were compared in terms of precise evaluation of maturity, reproducibility, time taken for analysis and suitability.

The babies were evaluated within three days of life whose gestational age ranged between six months to eleven months.

The four scoring methods selected in this study were Farr[17], classical Dubowitz[16], NBS[9] and Eregie[4].

They have concluded that the Eregie[4] physical scoring method to be useful. So we can also use this uncomplicated physical scoring method in case of poor resource setting.

AIM OF THE STUDY

To assess the gestational age of a newborn infant using simple physical criteria.

OBJECTIVE OF THE STUDY

To assess the gestational age of a newborn infant by simple physical criteria using structured proforma.

MATERIALS AND METHODS

a) **STUDY DESIGN**: PROSPECTIVE OBSERVATIONAL STUDY.

b) **STUDY PLACE**: GOVERNMENT RAJAJI HOSPITAL, MADURAI-20.

c) **STUDY PERIOD**: December 2010 to OCTOBER 2012

d) **STUDY POPULATION**: BABIES DELIVERED IN GOVERNMENT RAJAJI HOSPITAL, MADURAI.

SELECTION CRITERIA

Inclusion Criteria

Live born newborns of different gestational ages within 72 hours of birth.

1. Pre-term
2. Term

Exclusion Criteria

1. Babies born with congenital anomalies.
2. Babies of post natal age more than 72 hours.

METHODOLOGY:

Newborn delivered in Government Rajaji Hospital, Madurai with age group less than 72 hours old were examined.

With the approval of ethical committee, the newborn babies are selected with his or her parental informed consent, without prior knowledge of gestational age.

These babies were examined carefully using three physical criteria (Finnstrom, Eregie and Parkin) selected for our topic and compared with the standard New Ballard criteria[9].

Using structured proforma, details are filled including mother details with antenatal history and delivery details.

Finally gestational age of the baby obtained from these three physical scoring method were compared with New Ballard scoring in terms of reliability and accuracy.

The statistical analysis was done by using SPSS for windows (version 15.0) software.

Instruments used

1. Flexible, non-stretchable measuring tape for head circumference

2. Electronic weighing scale for measuring weight.

The following are the three test criteria included in the study.

FINNSTROM	PARKINS	EREGIE
1.BREAST SIZE	1.BREAST SIZE	EREGIE I
2.NIPPLE FORMATION	2.EAR CARTILAGE	1.HC
3.SCALP HAIR	3.SKIN COLOUR	2.MAC
4.SKIN OPACITY	4.SKIN TEXTURE	EREGIE II
5.EAR CARTILAGE		1.HC
6.FINGER NAILS		2.MAC
7.FOOT CREASE		3.BREAST SIZE
		4.EAR FIRMNESS
		5.SKIN TEXTURE
		6. GENITALS

OBSERVATIONS, ANALYSIS AND RESULTS

A total number of 1032 babies were included for the study.

STATISTICAL ANALYSIS:

The information collected regarding all the selected cases were recorded in the master chart. Data analysis was done with the help of computer using the open source software R.

Using this software frequency, percentages, means, standard deviations, chi-square, P value and coefficient correlation values were calculated.

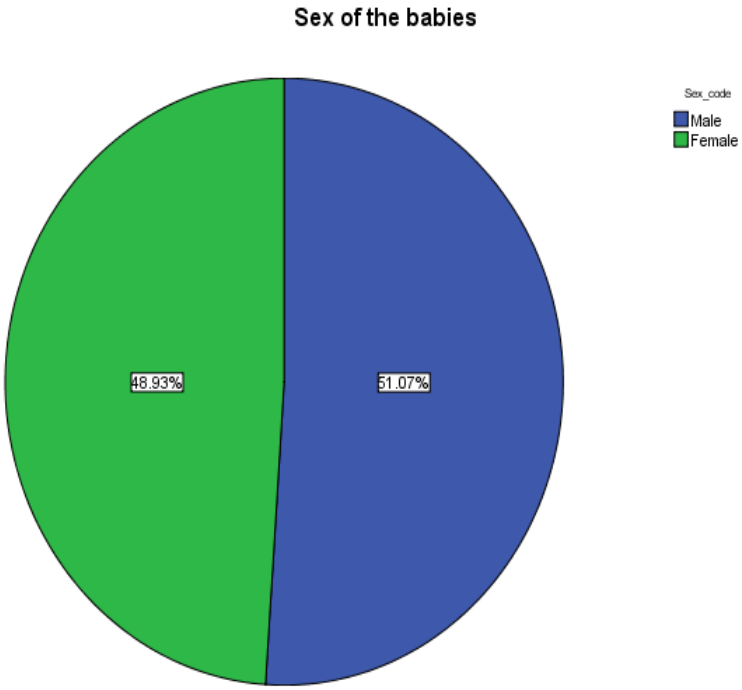
Chi square test was used to test the significance of difference between quantitative variables. A ‘P’ value of less than 0.05 was taken to denote significant relationship.

SEX DISTRIBUTION:

Table. I Sex

	Frequency	Percent
Male	527	51.0
Female	505	49.0
Total	1032	100.0

Among the 1032 babies, almost fairly equal number of male (527) and female (505) babies were studied

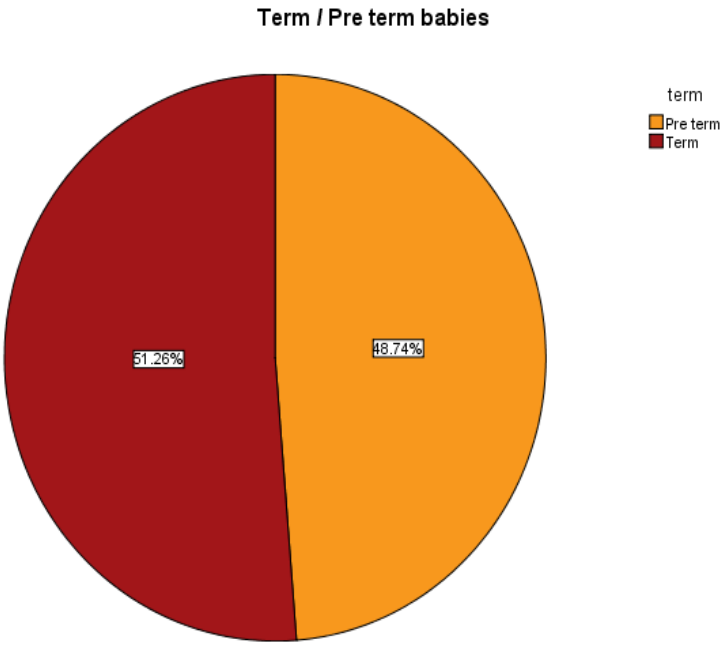

Sex of the babies
Sex_code
Male
Female
48.93%
51.07%

GESTATIONAL AGE OF THE BABIES:

Table. II Term / Pre term

	Frequency	Percent
Pre term	503	49.0
Term	529	51.0
Total	1032	100.0

There were 503 preterm babies and 529 term babies among 1032 babies included in the study.


Term / Pre term babies
term
Pre term
Term
48.74%
51.26%

MOTHER AGE AND GESTATIONAL AGE OF BABIES:

Table. III Term babies vs Mothers age_Crosstabulation

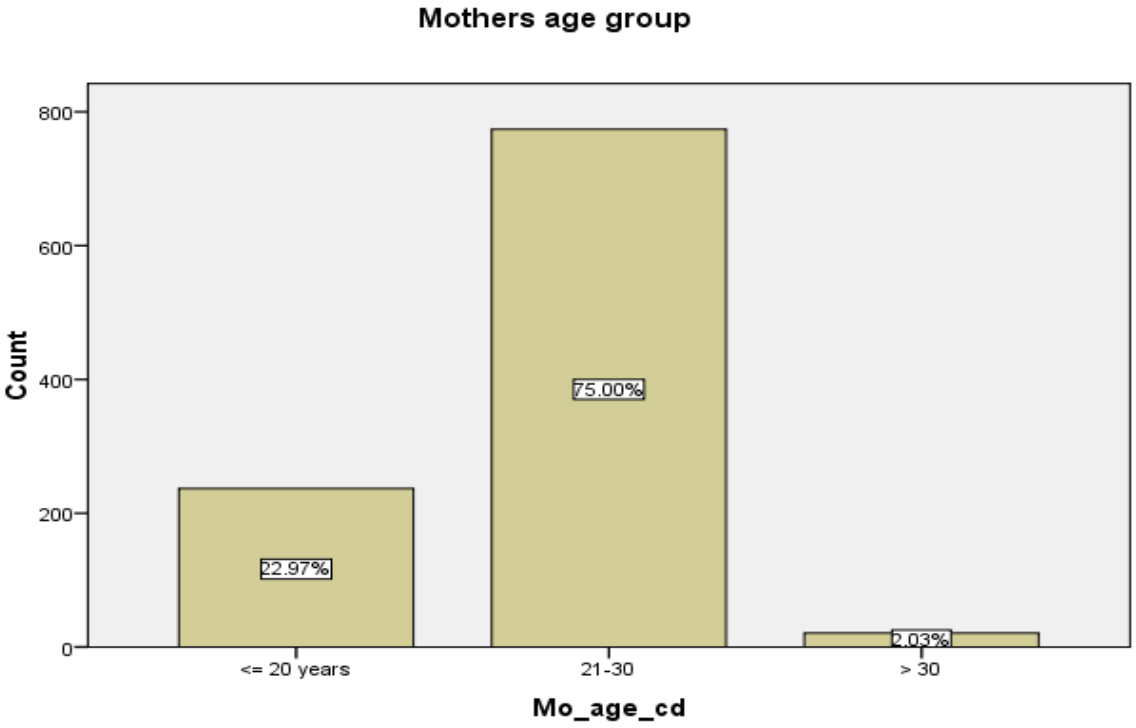
			Mother's_age_code			Total
			<= 20 years	21-30	> 30	
Term	Pre Term	Count	139	362	2	503
		% within Term	27.6%	72.0%	.4%	100.0%
		% within Mother_age_code	58.6%	46.8%	9.5%	48.7%
		% of Total	13.5%	35.1%	.2%	48.7%
	Term	Count	98	412	19	529
		% within Term	18.5%	77.9%	3.6%	100.0%
		% within Mother_age_code	41.4%	53.2%	90.5%	51.3%
		% of Total	9.5%	39.9%	1.8%	51.3%
Total		Count	237	774	21	1032
		% within Term	23.0%	75.0%	2.0%	100.0%
		% within Mother_age_code	100.0%	100.0%	100.0%	100.0%
		% of Total	23.0%	75.0%	2.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	23.445[a]	2	.000
Likelihood Ratio	25.609	2	.000
Linear-by-Linear Association	18.908	1	.000
N of Valid Cases	1032		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 10.24.

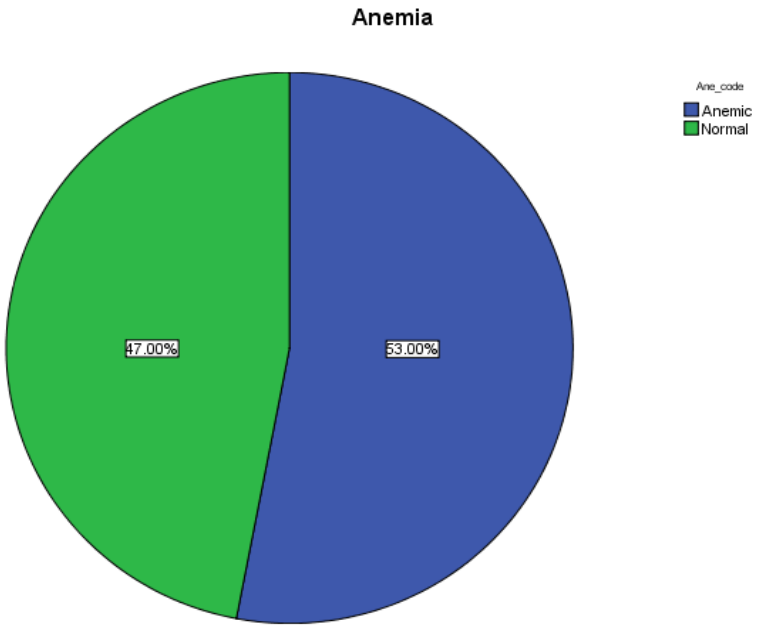
There is a significant difference between Term and pre term babies born among mothers whose age is less than or equal to 20 years. In this group, 59 % were given birth to pre term babies.


Mothers age group
800
600
400
200
0
Count
22.97%
75.00%
2.03%
<= 20 years
21-30
> 30
Mo_age_cd

Tab. IV MOTHER'S HB STATUS AND GESTATIONAL AGE

			Anemia_code		
			Anemic	Normal	Total
Term	Pre Term	Count	167	336	503
		% within Term	33.2%	66.8%	100.0%
		% within Ane_code	30.5%	69.3%	48.7%
		% of Total	16.2%	32.6%	48.7%
	Term	Count	380	149	529
		% within Term	71.8%	28.2%	100.0%
		% within Ane_code	69.5%	30.7%	51.3%
		% of Total	36.8%	14.4%	51.3%
Total		Count	547	485	1032
		% within Term	53.0%	47.0%	100.0%
		% within Ane_code	100.0%	100.0%	100.0%
		% of Total	53.0%	47.0%	100.0%

Among Mothers given birth to pre term babies only 33 % were anemic. Other unknown variables may be the reason for pre term babies. 72 % of anaemic mothers have given birth to term babies. There is no statistical correlation between mother's HB status and gestational age of the babies.


Anemia
Ane_code
Anemic
Normal
47.00%
53.00%

CORRELATION BETWEEN NBS AND THREE PHYSICAL SCORING METHODS.

Tab. V Correlations

		FINSTORM	NBS
FINSTROM	Pearson Correlation	1	.930**
	Sig. (2-tailed)		.000
	N	1032	1032
NBS	Pearson Correlation	.930**	1
	Sig. (2-tailed)	.000	
	N	1032	1032

**. Correlation is significant at the 0.01 level (2tailed). N = Total number

All the four physical scoring methods are significantly correlated with NBS. But the Finnstorm method is having highest correlation with NBS.

FINN vs NBS 0.93

PAR vs NBS 0.86

ERI 1 vs NBS 0.81

ERI2 vs NBS 0.84.

COMPARING NBS AND NBS PHYSICAL CRITERIA ALONE

Tab. VI Correlations

		SCORE	New score
SCORE	Pearson Correlation	1	.853**
	Sig. (2-tailed)		.000
	N	300	300
New_score	Pearson Correlation	.853**	1
	Sig. (2-tailed)	.000	
	N	300	300

**. Correlation is significant at the 0.01 level (2-tailed).

N = Total number

The NBS scores based on physical features alone and full NBS (physical and neurological features) are having the statistically significant correlation (r=0.85). Here we have multiplied the physical parameters score by 2 to compare the NBS total score.

OUTCOME OF VARIABLES IN PHYSICAL METHODS OF NBS IN RELATION TO GESTATIONAL AGE.

Tab. VII Correlations

		NBS SCORE	Breast
NBS SCORE	Pearson Correlation	1	.813**
	Sig. (2-tailed)		.000
	N	300	300
Breast	Pearson Correlation	.813*	1
	Sig. (2-tailed)	.000	
	N	300	300

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

		SCORE	new_genital
SCORE	Pearson Correlation	1	.683*
	Sig. (2-tailed)		.00
	N	300	30
new_genital	Pearson Correlation	.683**	
	Sig. (2-tailed)	.000	
	N	300	30

**. Correlation is significant at the 0.01 level (2-tailed). N = Total number.

Among the six physical features in NBS, examining the Breast (correlation between NBS and Breast score is 0.81) and Genitalia (0.68) are highly correlating with the gestational age. Hence these two variables can be used for rapid assessment of gestational age in newborn.

1. **SKIN TEXTURE**

TERM BABY

PRETERM BABY

2. **LANUGO**

TERM BABY

PRETERM BABY

3. **PLANTAR SURFACE**

TERM BABY

PRETERM BABY

4. BREAST SIZE

TERM BABY

PRETERM BABY

5. EARS

TERM BABY

PRETERM BABY

6.a. GENITALS - MALE

TERM BABY

PRETERM BABY

6.b. GENITALS – FEMALE

TERM BABY

PRETERM BABY

7. SCALP HAIR

TERM BABY

PRETERM BABY

NEUROLOGICAL FEATURES:

1. POSTURE

TERM BABY

PRETERM BABY

2. SQUARE WINDOW

TERM BABY

PRETERM BABY

3. ARM RECOIL

TERM BABY

PRETERM BABY

4. POPLITEAL ANGLE

TERM BABY

PRETERM BABY

5. SCARF SIGN

TERM BABY

PRETERM BABY

6. HEEL TO EAR

TERM BABY

PRETERM BABY

DISCUSSION

Early identification of low birth weight and preterm babies at the rural setup where no medical care facilities are available is essential for early referral to higher centres.

So this highlights the need for simple physical scoring methods which doesn't require any expertise for assessing gestational age without much inter observer's variations and easily be applied for even sick babies.

Here 1032 babies were taken up for the study. Among them, preterm babies were 503 and term babies were 529.

The gestational age of the babies studied in this study ranged from 28 weeks to 42weeks.There were almost equal proportions of male and female babies.

In this study correlation between mother's age and gestational age was done which showed a significant correlation.

About 59% of mother with age group less than 20years had given birth to preterm babies.

There was no correlation found between mother's HB status and gestational age of the babies.

The main objective of the study is to assess the gestational age of newborn using only physical scoring methods which will be comparable to New Ballard Score[9] taken as standard method.

It was found that all the three physical scoring methods (Finnstrom[2], Eregie[3,4] and Parkins[1]) have significant correlation with NBS[9] in determining the gestational maturity of newborn.

But among the three methods chosen in this study for assessing the gestational age of newborn, Finnstrom[2] was found to have high significant correlation of 0.93%.

Ovar Finnstrom et al[2] showed determination of maturity of newborns were within +/-2weeks in 88% of the cases and 98% of cases within +/-3weeks whereas in our study it was between +/-2weeks in 98%.

Eregie et al [4]in his study has combined highly correlating physical features derived from Dubowitz[16] along with anthropometric methods.

This would represent an appropriate clinical tool for prompt and reliable identification for high risk infants in African population.

Parkin et al[1] has showed in his study which includes only four variables (Skin redness, skin consistency, Breast development and ear flexibility) estimated gestational age within +/-2 weeks. This was done predominantly in term infants.

Only little loss of accuracy occurs when the neurological measures are omitted or when only the four best physical characteristics and the two best neurological measures are used.

The use of the four best physical characteristics, Skin redness, skin consistency, Breast development and ear flexibility results in a regression line with 95% confidence limits of 18 days

But the limitation in the parkins[1] physical scoring method is that even misinterpretation of one variable will lead to gross difference in gestational age assessment. But this kind of limitation is not seen with finnstrom[2] physical scoring method.

Opara et al[6] in his study has done review of various methods of assessing the gestational age. He found that simple physical scoring methods can identify high risk infants even in poor source settings.

In a study published in Early Human Development[7] 1981, they have compared between Dubowitz method[16] and Finnstrom method[1.]

They found that there was no statistical difference between these two methods.

Sunjoh et al[8] has studied comparing four methods (Farr[17], Dubowitz[16], New Ballard score[9] and Eregie[4]) in terms of suitablity, reproducibility, precise in evaluation of maturity, and time taken for administration. They have found that Eregie[4] had better results.

In another study comparing Parkin[1], Classical Dubowitz [16], Dubowitz physical criteria alone found that Parkin[1] method was easier and quicker to perform and appeared more accurate than classical Dubowitz[16].

In our study in a subset of babies NBS physical score alone was compared to NBS (both physical and neurological) which showed significant correlation (r=0.85%).

Similarly in another study conducted by Verhoeff FH et al[12] in assessing gestational age of newborn by nurses with some training compared physical criteria of NBS with Dubowitz.

They found that Physical criteria of NBS were much easier and quicker in an environment with paucity of skilled man power.

Finally in our study we have also tried to find those highly correlating physical features among the six physical features in NBS.

We found that examination of Breast (0.81) and genitals (0.68) have significant correlation in assessing the gestational age of newborn.

So these two variables can be used reliably for rapid screening for preterm babies in large scales.

CONCLUSION

The gestational age assessment of newborn can be done reliably by using simple physical scoring methods instead of using NBS, Dubowitz, etc which consist of numerous variables.

1. In this study, Finnstrom scoring method was found to have high significant correlation in assessing gestational age compared to other methods.

2. Physical scoring method of NBS alone was found to have significant correlation in estimating the gestational age of newborn.

3. Examination of breast and genitals were found to have high correlation with gestational age and so they can be used for rapid screening of premature infants in large scales.

LIMITATIONS

1. Not studied in babies less than 27 weeks and babies above 42weeks.

2. Inter Observer variability have not been studied.

RECOMMENDATIONS:

1. Further studies are needed to confirm these findings and to establish a new criterion suitable for our population.

2. A reliable physical scoring method should be devised for assessing the maturity in preterm babies less than 28weeks.

3. A Separate scoring system for assessment of gestational age in newborns born with congenital anomalies.

4. To create awareness about conceptional age above 20 years to prevent preterm births.

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GESTATIONAL AGE ASSESSMENT ~ PROFORMA

BABY DETAILS

NAME:

AGE:

SEX:

DOB:

MODE:

B.WT:

USG DETAILS

1st trimester:

2nd trimester:

3rd trimester:

MOTHER DETAILS

AGE: **LMP:** **EDD:**

MENSTURAL CYCLE: REGULAR / NOT

ANY TREATMET FOR CONCEPTION

ANY CONTRACONCEPTIVES USED:

G.SCORE:

BOOKED / NOT:

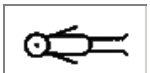
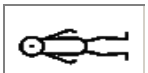
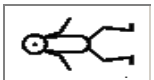
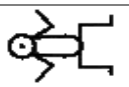
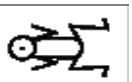
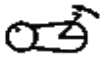
IMMUNISED/NOT:

ANY BLEEDING DURING ANTENATAL PERIOD:

ANY DRUG TREATMENT / ANY ILLNESS DURING ANTENATAL PERIOD:

H/O GDM / PIH / EPILEPSY / BA / ANEMIA:

NEW BALLARD SCORE

SIGN	SCORE						
	-1	0	1	2	3	4	5
Posture							
Sq.Window							
Arm Recoil							
Popliteal Angle							
Scarf Sign							
Heel To Ear							
Skin	Sticky, friable, transparent	gelatinous, red, translucent	smooth pink, visible veins	Sup. peeling &/ rash, few veins	cracking, pale areas, rare veins	parchment, deep cracking, no vessels	leathery, cracked, wrinkled
Lanugo	None	Sparse	abundant	thinning	bald areas	mostly bald	
Plantar Surface	heel-toe 40-50mm: -1 <40mm: -2	>50 mm no crease	faint red marks	Ant. transv crease only	creases ant. 2/3	creases over entire sole	
Breast	imperceptable	barely perceptable	flat areola no bud	stippled areola 1-2 mm bud	raised areola 3-4 mm	full areola 5-10 mm	
Eye / Ear	lids fused loosely: -1 tightly: -2	lids open pinna flat stays folded	sl.curved pinna; soft; slow recoil	well-curved pinna; soft but ready recoil	formed & firm instant recoil	thick cartilage ear stiff	
Genitals (Male)	scrotum flat, smooth	scrotum empty, faint rugae	testes in upper canal, rare rugae	testes descending, few rugae	testes down, good rugae	testes pendulous, deep rugae	
Genitals (Female)	clitoris prominent & labia flat	Prominent clitoris & small labia minora	prominent clitoris & enlarging minora	majora & minora equally prominent	majora large, minora small	majora cover clitoris & minora	

CRITERIA	0	1	2	3	4	5
1.SCALP HAIR FINNSTROM:		**Wooly/fuzzy hair**	**Hair Coarse & silky**			
2.SKIN OPACITY **FINNSTROM:**		**Numerous veins,trib,venules clearly seen**	**Veins & trib seen**	**Few large vessels clearly seen**	**Few/no bld.vessels seen**	
3.SKIN COLOUR PARKIN:	**Dark red**	**Uniformly pink**	**Pale pink, but vary over diff parts of the body**	**Pale, except ears, lips. palms & soles.**		
4.SKIN TEXTURE PARKIN:	**Very thin with a gelatinous feel**	**Thin & smooth**	**Smooth & medium thickness, irritn, rash, sup.peeling (+/-)**	**Sl. Thickening & stiff feel with sup.peeling & crackling esp on hands & feet.**	**Thick & parchment like with sup/deep cracking**	
ERIGIE:		**“**	**“**	**“**	**“**	
5.EAR CARTILAGE FINNSTROM:		**No cartilage felt in antitragus**	**Cartilage felt in antitragus**	**Cartilage felt in antihelix**	**Cartilage Complete in helix**	
PARKIN:	**Pinna feels soft & easily folded with no spont.recoil**	**Pinna feels soft along the edge & easily folded & slowly recoils spontaneously.**	**Cartilage felt to the edge of pinna, but thin at some places & readily recoils**	**Pinna firm with def cartilage to edge & recoils immedtly.**		
EREGIE:	**Pinna flat, little/no incurving of edge**	**Incurving of part of pinna**	**Partial incurving of whole upper pinna**	**Well defined incurving of upper pinna**		
7.NIPPLE FINNSTROM:		**Nipple barely visible, No areola**	**Nipple well defined, areola (+), but not raised.**	**Nipple well defined, Areola edge raised.**		
8.BREAST SIZE FINNSTROM:		**5mm**	**5-10mm**	**>10mm**		
PARKIN:		**“**	**“**	**“**		

EREGIE		"	"	"		
9.NAIL LENGTH FINNSTROM:		**Donot reach f.tiP**	**Reach f.tip**	**Pass f.tip**		
10.SOLE CREASE FINNSTROM:		**No skin crease**	**Only ant.trans crease (+).**	**Occ.crease over ant.2/3**	**Sole fully covered.**	
11.GENITALIA EREGIE: MALE: **FEMALE:**	**No testis in scrotum** **L.majora widely separated.L.minora protruding**	**Atleast 1 testis high in scrotum** **L.majora almost cover L.minora**	**Atleast 1 testis right down** **L.majora completely cover L.minora**			
12.HC (CM) EREGIE:	**<25.4**	**≥25.4 to <28.8**	**≥28.8 to < 30.6**	**≥30.6 to < 33.4**	**≥33.4to <34.7**	**≥34.7**
13.MAC (cm) EREGIE:	**<6.9**	**≥6.9to<7.9**	**≥7.9to<8.6**	**≥8.6to<9.9**	**≥9.9to<10.7**	**≥10.7**

FINNSTROM SCORE

SCORE	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
DAYS	191	198	204	211	217	224	230	237	243	250	256	263	269	276	282	289	295
WEEKS	27.3	28.3	29.1	30.1	31	32	32.9	33.9	34.7	35.7	36.5	37.5	38.4	39.4	40.3	41.3	42.1

PARKINS SCORE

SCORE	1	2	3	4	5	6	7	8	9	10	11	12
DAYS	190	210	230	240	250	260	270	276	281	285	290	295
WEEKS	27	30	33	34	36	37	38	39	40	41	41	42

NBS

SCORE	-10	-5	0	5	10	15	20	25	30	35	40	45	50
WEEKS	20	22	24	26	28	30	32	34	36	38	40	42	44

EREGIE

HC & MAC	SCORE	0	1	2	3	4	5	FULL CRITERIA	5	10	15	20
	WEEKS	<28	28-30	31-33	34-36	37-39	≥40		30-31	33-34	36-37	>40

MASTER CHART

AGE	SEX	MODE	B.WT	MOTHER AGE	LMP	MENSTURAL CYCLE	G.SCORE	BOOKED/NOT	FINNSTROM	PARKINS	EREGIE-1	EREGIE-2	NBS	USG -GA	LMP-GA	
1/365	M	LSCS	3KG	20Y	5/11/2010	REG	G2P1L1	Y	38-39W	40W	39-40W	38-40W	40-42W	37-38W	36W	TERM AGA.NBS,PK C
1/365	M	LN	2.2KG	24Y	4/28/2010	REG	G2P1L1	Y	40W	41W	34-36W	37-38W	38-40W	31-32W	37W	TERM IUGR NBS,FN C
2/365	M	LN	1KG	23Y	6/10/2010	NR	PRIMI	Y	35W	38W	28-30W	31-33W	36W	29-30W	34W	PIH WITH IUGR; NBS
1/365	F	LN	1KG	25Y	6/25/2010	REG	G2P1L0	Y	33-34W	36W	28-30W	30-31W	32-34W	27-28W	34-35W	IUGR . NBS & FN COR
1/365	M	LSCS	3.5KG	27Y	5/10/2010	REG	G3P2L1	Y	39-40W	41W	40W	40W	38-40W	40-41W	37-38w	CORRELATES WELL
1/365	M	LSCS	1.5KG	23Y	6/5/2010	REG	G2A1	Y	36-37W	38W	30-31W	33-34W	38W	37W	35W	TERM IUGR; FN,PK,N
1/365	F	LN	2.5KG	23Y	9/14/2010	REG	G2P1L1	Y	39-40W	41W	37-39W	38-40W	40W	37W	36W	TERM AGA;FN,NBS,E
1/365	M	LN	2.8KG	27Y	9/3/2010	REG	PRIMI	Y	40-41W	41W	40W	40W	38-40W	39-40W	38W	TERM AGA; NBS,USG
1/365	F	LN	3.2KG	28Y	8/19/2010	REG	G2P1L1	Y	42W	42W	39-40W	>40W	40-42W	39-40W	39W	TERM AGA; NBS,USG
2/365	F	LN	3.4KG	23Y	8/24/2010	REG	G2P1L1	Y	41W	42W	39-40W	38-40W	40W	39-40W	39W	TERM AGA; NBS,USG
2/365	F	LN	2.6KG	27Y	9/19/2010	REG	G3P2L2	Y	39-40W	40W	39-40W	38-40W	38-40W	38W	36-37W	TERM AGA; ALL COR
2/365	M	LN	2.5KG	19Y	9/9/2010	REG	PRIMI	Y	39-40W	40W	36-37W	36-37W	38-40W	38W	37W	IUGR+ANEMIA+TEEN
2/365	M	LN	2.8KG	23Y	9/8/2010	REG	PRIMI	Y	39-40W	40W	40W	38-40W	40W	38-39W	37W	TERM AGA; NBS,FN,F
2/365	F	LN	3KG	30Y	9/15/2010	REG	G2P1L1	Y	40-41W	42W	37-39W	38-40W	38-40W	38-40W	37-38W	TERM AGA; NBS,USG
1/365	F	LN	2.8KG	23Y	9/7/2010	REG	PRIMI	Y	38-39W	40W	≥40W	38-40W	40W	39-40W	38W	TERM AGA; ALL COR
2/365	F	LN	3KG	20Y	9/21/2010	REG	PRIMI	Y	39-40W	41W	37-39W	38-40W	40-42W	38W	36-37W	TERM AGA;
2/365	F	LN	3.5KG	24Y	9/10/2010	REG	G2P1L1	Y	40-41W	42W	39-40W	38-40W	40-42W	37-39W	37W	TERM AGA; NBS,FN,E
2/365	F	LN	3.2K	25Y	8/30/2010	REG	G3P2L2	Y	41-42W	41W	≥40W	>40W	40-42W	40-41W	38-39W	TERM AGA; ALL COR
2/365	M	LN	3KG	20Y	9/14/2011	REG	PRIMI	Y	39-40W	40W	39-40W	38-40W	38-40W	38-39W	37-38W	TERM AGA; ALL COR
1/365	M	LN	3KG	22Y	9/11/2010	REG	G2P1L1	Y	38-39W	40W	39-40W	38-40W	38-40W	37-38W	37-38W	TERM AGA; NBS,FN,F
1/365	F	LN	2.25KG	23Y	9/19/2010	REG	PRIMI	Y	37-38W	40W	37-39W	36-37W	38W	38W	36-37W	TERM LBW; NBS,USG
3/365	M	LN	2.7KG	17Y	9/9/2010	REG	PRIMI	Y	41-42W	41W	37-39W	38-40W	38-40W	38W	37W	TEEN PREG + ANEMI WELL
2/365	F	LN	2.75KG	27Y	9/1/2010	NR	PRIMI	Y	39-40W	41W	37-39W	38-40W	40W	37W	38-39W	TERM AGA; NBS,FN,E
2/365	F	LN	2KG	20Y	9/7/2010	REG	PRIMI	Y	40-41W	41W	34-36W	36-37W	40-42W	36W	38W	IUGR+ANEMIA; TERM
1/365	F	LN	2.2KG	21Y	9/5/2010	REG	G2P1L1	Y	39-40W	41W	34-36W	34-36W	38-40W	36-37W	38W	TERM IUGR; NBS,FN
1/365	M	LN	2.9KG	38Y	9/13/2010	REG	G5P1L1A3	Y	41-42W	41W	39-40W	38-40W	40-42W	39W	37W	TERM AGA; NBS,FN,F
1/365	F	LN	2.8KG	25Y	9/16/2010	REG	PRIMI	Y	40-41W	40W	39-40W	38-40W	40W	38W	37W	TERM AGA; NBS,FN,F
1/365	M	LN	2.5KG	26Y	9/15/2010	REG	PRIMI	Y	36-37W	40W	39-40W	38-40W	36-38W	36-37W	37W	TERM AGA; NBS, USG
1/365	M	LN	2.9KG	19Y	9/4/2010	REG	PRIMI	Y	38-39W	41W	39-40W	38-40W	38W	37W	38W	TERM AGA; NBS,DAT

2/364	M	LN	2KG	18Y	9/26/2010	REG	PRIMI	Y	38-39W	41W	34-36W	34-36W	38-40W	33-34W	35W	TEEN PREG;TERM IU
2/365	M	LN	2.8KG	23Y	9/14/2010	REG	PRIMI	Y	39W	40W	36-37W	38-40W	40W	37W	37W	TERM AGA; NBS,FN,F
2/365	M	OUTLET	2KG	27Y	9/10/2010	REG	PRIMI	Y	39-40W	40W	36-37W	36-37W	38-40W	34W	37W	ANEMIA; TERM IUGR
2/365	F	LN	2.9KG	20Y	9/7/2010	REG	PRIMI	Y	40-41W	42W	37-39W	38-40W	40-42W	36W	37W	TERM AGA; NBS,FN,E
1/365	F	LN	2.8KG	22Y	9/16/2010	REG	PRIMI	Y	39W	40W	39-40W	38-40W	40W	38W	37W	TERM AGA; NBS,FN,F
1/365	M	OUTLET	3KG	24Y	9/26/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	38-40W	38W	36W	TERM AGA; NBS,FN,E
1/365	F	LN	2.9KG	22Y	9/4/2010	REG	PRIMI	Y	40-41W	41W	37-39W	38-40W	40-42W	38W	38W	TERM AGA; NBS,FN,
1/365	F	LN	2.7KG	29Y	9/20/2010	REG	G3P2L2	Y	39-40W	41W	37-39W	38-40W	40W	38+/-1W	37W	TERM AGA; NBS,FN,
1/365	F	LN	2.6KG	18Y	9/5/2010	REG	PRIMI	Y	39-40W	41W	37-39W	38-40W	40-42W	38W	38W	TERM AGA; NBS, FN,
1/365	F	LN	2.8KG	22Y	9/7/2010	REG	PRIMI	Y	39-40W	40W	39-40W	38-40W	40-42W	37+/-1W	38W	TERM AGA; NBS,FN,F
1/365	F	LN	2.5KG	23Y	10/1/2010	REG	G2P1L1A1	Y	38W	39W	39-40W	38-40W	38W	38W	35W	TERM AGA; NBS,USG
1/365	M	LN	2.8KG	23Y	9/7/2010	REG	G2P1L1	Y	39-40W	39W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; ALL CORI
1/365	F	LN	2.8KG	23Y	9/22/2010	REG	G2P1L1	Y	40-41W	41W	39-40W	38-40W	38-40W	38+/-1W	36W	TERM AGA; NBS,USG
1/365	M	LN	3.2KG	19Y	9/10/2010	REG	PRIMI	Y	39-40W	41W	≥40	≥40W	40-42W	38+/-1W	38W	TERM AGA; NBS, FN,
1/365	M	LN	2.8KG	25Y	8/27/2010	REG	G3P2L2	Y	40-41W	41W	39-40W	38-40W	38-40W	40+/-1W	39W	TERM AGA; ALL CORI
1/365	M	LN	2.3KG	27Y	9/7/2010	REG	G2P1L1	Y	39-40W	40W	36-37W	38-40W	38-40W	38+/-1W	37W	TERM LBW; NBS,USG
3/365	M	LN	3.2KG	21Y	9/10/2010	REG	G2P1L1	Y	39-40W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,E
2/365	F	LN	2.2KG	19Y	9/19/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	38W	35-36W	36W	TEEN PREG + ANAEM WELL
2/365	F	LN	2.5KG	26Y	9/12/2010	REG	G6P2L1A3	Y	40-41W	40W	37-39W	38-40W	40W	36W	37W	TERM AGA; NBS,FN,F
1/365M	M	LN	3KG	24Y	9/17/2010	REG	G2P1L1	Y	41-42W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA; NBS,USG
1/365	F	LN	2.5KG	24Y	9/16/2010	REG	PRIMI	Y	38-39W	40W	37-39W	36-37W	38-40W	38W	37W	TERM AGA; NBS,USG
2/365	M	LN	2.3KG	19Y	10/1/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	40W	35-36W	35W	TEEN PREG + IUGR; N
1/365	M	LN	2.7KG	28Y	9/16/2010	REG	G2P1L1	Y	38-39W	39W	36-37W	36-37W	38-40W	40W	37W	TERM AGA; NBS,USG
1/365	M	LN	2.3KG	20Y	9/19/2010	REG	PRIMI	Y	39-40W	40W	36-37W	38-40W	38-40W	38W	37W	TERM LBW; NBS,FN,F
1/365	F	LSCS	3KG	38Y	9/1/2010	REG	G3P1L1A1	Y	40-41W	41W	39-40W	38-40W	40-42W	40W	39W	TERM AGA; NBS,USG
2/365	M	LSCS	2.8KG	29Y	9/15/2010	NR	PRIMI	Y	39-40W	41W	34-36W	36-37W	38-40W	37W	37W	MILD PIH + INFERTILI
1/365	F	LSCS	3KG	23Y	9/11/2010	REG	PRIMI	Y	37-38W	40W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; NBS,USG
1/365	F	LSCS	2.2KG	23Y	9/10/2010	REG	G3P2L2	Y	38-39W	38W	33-34W	34-36W	40W	38-39W	38W	TERM IUGR; USG,DA
2/365	F	LSCS	3KG	22Y	9/5/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; NBS,USG
2/365	M	LSCS	2.8KG	22Y	10/6/2010	REG	G2A1	Y	39-40W	39W	39-40W	38-40W	38-40W	37W	34W	PIH; TERM AGA; NBS
1/365	F	LSCS	2.9KG	23Y	9/11/2010	REG	G2P1L1	Y	38-39W	39W	36-37W	34-36W	38-40W	37W	38W	TERM AGA; NBS,DAT
1/365	M	LSCS	2.7KG	22Y	9/3/2010	REG	PRIMI	Y	39-40W	40W	36-37W	36-37W	38-40W	37W	39W	TERM AGA; NBS, DA
1/365	M	LSCS	2.5KG	28Y	9/1/2010	REG	G2P1L1	Y	38-39W	40W	36-37W	38-40W	38-40W	38W	39W	TERM AGA; NBS,USG
1/365	F	LSCS	2.3KG	25Y	9/18/2010	REG	G2P1L1	Y	39-40W	41W	34-36W	34-36W	38-40W	38W	37W	TERM LBW; NBS, FN
1/365	F	LSCS	3.4KG	23Y	9/10/2010	REG	PRIMI	Y	40-	41W	39-	38-40W	38-	39-40W	38W	TERM AGA; NBS,USG

									41W		40W		40W			
1/365	F	LSCS	2.4KG	26Y	9/18/2010	REG	PRIMI	Y	4O-41W	41W	36-37W	36-37W	4OW	38W	36W	TERM LBW; NBS,FN
3/365	M	LSCS	2.9KG	23Y	9/15/2010	REG	G2P1L1	Y	37-38W	39W	36-37W	36-37W	38W	37W	37W	TERM AGA; USG,DAT
1/365	F	LSCS	2.7KG	24Y	9/22/2010	REG	G2P1L1	Y	41-42W	41W	34-36W	36-37W	38-40W	37W	36W	TERM AGA
2/365	M	LSCS	2.9KG	25Y	9/17/2010	REG	G3P1L1A1	Y	39-40W	40W	37-39W	38-40W	38W	38W	37W	TERM AGA; NBS,USG
2/365	M	LSCS	3KG	21Y	9/15/2010	REG	G2P1L1	Y	37-38W	40W	37-39W	38-40W	36-38W	37W	37W	TERM AGA; NBS,USG
1/365	F	LSCS	3.2K	21Y	9/14/2010	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	38-40W	37W	37W	TERM AGA; NBS,FN,E
3/365	M	LSCS	2.5KG	27Y	9/10/2010	REG	G2P1L1	Y	40-41W	41W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; NBS,USG
1/365	M	LN	2.9KG	20Y	9/14/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,E
2/365	M	LN	3.1KG	24Y	9/1/2010	REG	G4P1L1A2	Y	39-40W	39W	37-39W	38-40W	40W	40W	39W	TERM AGA; NBS,USG
1/365	M	LN	2.7KG	22Y	9/14/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	40--42W	36W	37W	TERM AGA; NBS,FN E
3/365	F	LN	2.5KG	24Y	9/17/2010	REG	G2A1	Y	37-38W	40W	37-39W	38-40W	38-40W	37W	37W	TERM AGA; NBS,FN,
1/365	F	LN	3KG	21Y	9/12/2010	REG	PRIMI	Y	36-37W	40W	39-40W	38-40W	38-40W	37W	38W	TERM AGA; NBS,ER 1
1/365	F	LN	2.9KG	28Y	9/6/2010	REG	G2P2L2	Y	39-40W	40W	≥40W	38-40W	38-40W	≥40W	38W	TERM AGA; NBS,USG
1/365	F	LN	3KG	25Y	9/26/2010	REG	G2P1L1	N	38-39W	39W	37-39W	38-40W	38-40W	39W	36W	TERM AGA; NBS,USG
2/365	M	LN	2.6KG	21Y	9/23/2010	REG	PRIMI	Y	39-40W	39W	37-39W	38-40W	38-40W	37+/-1W	36W	TERM AGA; NBS,FN,F
2/365	F	LN	2.9KG	27Y	9/22/2010	REG	G3P2L2	Y	37-38W	40W	37-39W	38-40W	38W	37W	35W	TERM AGA; NBS,FN,E
2/365	M	LN	2KG	24Y	10/1/2010	REG	PRIMI	Y	37-38W	39W	34-36W	34-36W	38-40W	37W	34W	TERM IUGR; NBS,FN
1/365	M	LN	2.9KG	20Y	9/17/2010	REG	PRIMI	Y	40-41W	40W	39-40W	38-40W	38-40W	38W	37W	TERM AGA; NBS,ER1
1/365	M	LN	2.5KG	22Y	9/15/2010	REG	PRIMI	Y	39-40W	41W	36-37W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,E
2/365	F	LN	3.2K	20Y	10/8/2010	REG	PRIMI	Y	39-40W	40W	39-40W	38-40W	38-40W	38+/-1W	35W	TERM AGA; NBS,USG
2/365	M	LN	2.8KG	30Y	9/7/2010	REG	G2A1	Y	39-40W	40W	39-40W	38-40W	38-40W	39W	38W	PIH; TERM AGA; NBS
2/365	F	LN	2.5KG	30Y	9/10/2011	REG	PRIMI	Y	39-40W	41W	34-36W	36-37W	38-40W	40W	38W	TERM AGA; NBS,USG
1/365	F	LN	2.9KG	23Y	9/15/2010	REG	PRIMI	Y	40-41W	41W	≥40W	>40W	40W	>40W	37W	TERM AGA; NBS,USG
2/365	M	LN	2.7KG	22Y	9/22/2010	REG	PRIMI	Y	39-40W	39W	37-39W	38-40W	38-40W	38W	36W	TERM AGA; NBS,FN,F
1/365	F	LN	2.5KG	19Y	9/16/2010	REG	PRIMI	Y	39-40W	40W	37-39W	38-40W	38-40W	39W	37W	TERM AGA; NBS,FN,F
1/365	M	FORCEPS	3.8KG	24Y	9/6/2010	REG	G2P1L1	Y	41-42W	41W	≥40W	>40W	38-40W	>40W	39W	TERM AGA; NBS,USG
2/365	M	LN	2.2KG	25Y	9/23/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	38-40W	37W	35W	TERM LBW; NBS,FN
2/365	F	LN	2.9KG	19Y	9/13/2010	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,E
2/365	M	LN	2.8KG	19Y	11/7/2010	REG	PRIMI	Y	39-40W	40W	36-37W	38-40W	38-40W	38W	39W	TERM AGA; NBS,FN,E
3/365	M	LN	3KG	21Y	11/18/2010	REG	PRIMI	Y	41-42W	42W	39-40W	>40W	40-42W	38W	38W	TERM AGA; NBS,FN,F
1/365	F	LN	2.75KG	22Y	11/16/2010	REG	G2P1L1	Y	38-39W	41W	36-37W	36-37W	38-40W	37W	38W	TERM AGA; NBS,FN,F
1/365	F	LN	2.6KG	25Y	11/17/2010	REG	G3P2L2	Y	38-39W	40W	36-37W	36-37W	38W	37W	37W	TERM AGA; NBS,FN
1/365	F	LN	3KG	26Y	11/24/2010	REG	G2P1L0	Y	40W	40W	37-39W	38-40W	38-40W	32-33W	37W	TERM AGA; NBS,FN,E
1/365	F	LN	2.8KG	20Y	11/19/2010	REG	PRIMI	Y	36-37W	40W	36-37W	36-37W	36-38W	38-39W	37W	TERM AGA; NBS,FN,E

	2/365	M	LN	2.2KG	21Y	12/16/2010	REG	PRIMI	Y	37-38W	39W	34-36W	34-36W	36-38W	35W	33W	TERM LBW; NBS,FN
	2/365	F	LN	2.6KG	27Y	12/3/2010	REG	G2P1L1	Y	36-37W	38W	36-37W	36-37W	38-40W	37-38W	34W	TERM AGA ALL CORR
	2/365	F	LN	2.6KG	22Y	11/24/2010	REG	PRIMI	Y	38-39W	39W	36-37W	36-37W	38-40W	37W	36W	TERM AGA; FN,PK,NE
	2/365	M	OUTLET	3.3KG	20Y	7/16/2010	REG	PRIMI	Y	40-41W	40W	40W	38-40W	38-40W	38+/-3W	37W	TERM AGA; ALL CORI
	1/365	M	LN	2.7KG	23Y	11/18/2010	REG	PRIMI	Y	35-36W	38W	39-40W	38-40W	38-40W	38W	37W	TERM AGA; NBS,PAR
	1/365	F	LN	3.3KG	26Y	11/16/2010	REG	G2P1L1	Y	40-41W	41W	37-39W	38-40W	36-38W	38W	37W	TERM AGA; NBS,USG
	2/365	M	LN	3KG	22Y	11/16/2010	REG	PRIMI	Y	41-42W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA; NBS.EG-
	1/365	F	LN	3KG	32Y	12/2/2010	REG	G4P2L2A1	Y	38-39W	40W	37-39W	38-40W	40W	37W	35W	TERM AGA; ALL CORI
	1/365	F	LN	2.7KG	20Y	12/7/2010	REG	PRIMI	Y	38-40W	40W	36-37W	36-37W	38-40W	37W	34W	TERM AGA; NBS.,FN,
	2/365	F	LN	2.7KG	21Y	11/20/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	40-42W	39W	37W	TERM AGA; ALL CORI
	2/365	M	LN	2.6KG	19Y	11/27/2010	REG	G2A1	Y	39-40W	41W	34-36W	36-37W	38-40W	37W	35W	TERM AGA; NBS,FN
	2/365	M	LN	2.5KG	20Y	11/23/2010	REG	PRIMI	Y	40-42W	40W	36-37W	37-40W	38-40W	39W	36W	TERM LBW; NBS,FN,
	2/365	M	LN	2.5KG	24Y	12/1/2010	REG	G2P1L1	Y	38-39W	40W	36-37W	38-40W	40W	38W	36W	TERM LBW; NBS,PK,E
	1/365	F	LN	2.4KG	20Y	11/20/2010	REG	G2P1L1	Y	39-40W	40W	34-36W	34-36W	40-42W	39W	37W	TERM LBW; NBS,FN,
	1/365	M	LN	3KG	20Y	11/19/2010	REG	G2A1	Y	37-38W	39W	40W	38-40W	38-40W	39-40W	37W	TERM AGA; ALL CORI
	1/365	F	LN	2.5KG	26Y	11/20/2010	REG	G5P3L2A1	Y	38-39W	38W	36-37W	34-36W	36-38W	37W	37W	TERM LBW; NBS,FN,
L	2/365	M	LN	3KG	22Y	12/1/2010	REG	G2P1L1	Y	39-40W	40W	39-40W	38-40W	38-40W	38W	35W	TERM AGA; ALL CORI
	2/365	F	LN	2.5KG	24Y	12/20/2010	REG	G2P1L1	Y	40-41W	41W	36-37W	38-40W	40W	37W	37W	TERM LBW; NBS,FN,
	3/365	F	LN	2.5KG	21Y	11/17/2010	REG	PRIMI	Y	39-40W	41W	36-37W	38-40W	38-40W	35-36W	37W	TERM LBW; NBS,FN,
	1/365	F	LN	3KG	23Y	11/20/2010	REG	PRIMI	Y	38-39W	41W	39-40W	38-40W	40W	38W	37W	TERM AGA; NBS,EG-
	3/365	M	LN	2.8K	30Y	11/29/2010	REG	G3P2L2	Y	39-40W	41W	37-39W	38-40W	38-40W	38W	35W	TERM AGA; NBS,FN,
	2/365	M	LN	3KG	24Y	11/15/2010	REG	G3P2L1	Y	40-41W	40W	39-40W	38-40W	38-40W	40W	38W	TERM AGA; ALL CORI
	2/365	M	LN	2.4KG	24Y	11/19/2010	REG	G2P1L1	Y	40-41W	41W	34-36W	38-40W	40-42W	37W	37W	TERM LBW; NBS,FN,
	2/365	M	LN	2.6KG	22Y	11/15/2010	REG	G2P1L0	Y	39W	36-37W	36-37W	38-40W	39-40W	38W	37W	TERM AGA; NBS,FN,
	2/365	F	LN	3KG	28Y	12/1/2010	REG	G2P2L2	Y	39-40W	41W	39-40W	38-40W	38-40W	38W	35W	TERM AGA; NBS,FN,
	2/365	F	LN	3KG	20Y	11/21/2010	REG	PRIMI	Y	39W	36-37W	36-37W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,
	1/365	F	LN	2.6KG	27Y	11/13/2010	REG	G3P1L1A1	Y	41-42W	42W	34-36W	38-40W	40-42W	39-40W	38W	TERM AGA; NBS,FN
	2/365	M	LN	2.4KG	23Y	11/27/2010	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	40-42W	36W	36W	TERM LBW; NBS,PK
	2/365	M	LN	3.2K	23Y	11/18/2010	REG	G4P1L1A2	Y	40-41W	41W	37-39W	38-40W	38-40W	39-40W	37W	TERM AGA; NBS,FN,
	1/365	F	LN	2.9KG	27Y	11/11/2010	REG	PRIMI	Y	39-40W	41W	36-37W	38-40W	38-40W	39W	39W	TERM AGA; NBS,FN,
	1/365	F	LN	3KG	22Y	11/28/2010	REG	PRIMI	Y	38-39W	40W	39-40W	38-40W	40W	37W	36W	TERM AGA; ALL CORI
	1/365	M	LN	3.3KG	25Y	11/24/2010	REG	G3P2L2	Y	38-39W	39W	39-40W	38-40W	38W	39W	36W	TERM AGA;
	2/365	F	LN	2.2KG	30Y	11/30/2010	REG	G4P2L2A1	Y	37-38W	39W	34-36W	34-36W	40W	35W	35W	TERM LBW;
	2/365	F	LN	3.1K	23Y	11/30/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	38-40W	38W	35W	TERM AGA;
	2/365	M	LN	2.8K	22Y	11/30/2010	REG	PRIMI	Y	39-	39W	36-	36-37W	38-	37-38W	35W	TERM AGA;

									40W		37W		40W			
1/365	M	LN	3.3KG	30Y	11/20/2010	REG	G3P2L1	Y	40-41W	41W	37-39W	40W	40W	38W	37W	TERM AGA;
2/365	M	LN	2.8K	25Y	11/29/2010	REG	G2P1LO	Y	38-39W	39W	37-39W	38-40W	38-40W	38W	36W	TERM AGA;
2/365	F	LN	3KG	25Y	11/29/2010	REG	G4P3L1	Y	39-40W	40W	37-40W	38-40W	38-40W	37W	35W	TERM AGA;
2/365	M	LN	2.9KG	20Y	2/22/2011	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	40-42W	40W	37W	TERM AGA;
2/365	F	LN	2.9KG	20Y	3/27/2011	REG	G2P1L1	Y	41-42W	41W	36-37W	36-37W	38-40W	38-39W	36-37W	TERM AGA;
2/365	F	LN	3KG	26Y	2/17/2011	REG	PRIMI	Y	42W	41W	39-40W	38-40W	38-40W	38W	38W	TERM AGA;
3/365	M	LN	2.3KG	26Y	3/2/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	38-40W	38-39W	36W	TERM LBW;
2/365	M	LN	2.9KG	21Y	2/24/2011	REG	PRIMI	Y	40-41W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA;
2/365	F	LN	2.4KG	21Y	3/4/2011	REG	PRIMI	Y	39-40W	40W	33-34W	34-36W	38-40W	38W	35W	TERM LBW;
1/365	F	LN	2.5KG	31Y	2/25/2011	REG	G4P1L1A2	Y	39-40W	41W	34-36W	34-36W	38-40W	38W	37W	TERM AGA;
2/365	M	LN	2.7KG	22Y	2/28/2011	REG	PRIMI	Y	38-39W	40W	36-37W	36-37W	40W	38-39W	36W	TERM AGA;
1/365	F	LN	2.8K	26Y	3/3/2011	REG	G2P1L1	Y	36-37W	38W	36-37W	36-37W	38-40W	38-39W	36W	TERM AGA;
2/365	F	LN	2.7KG	22Y	2/24/2011	REG	G2A1	Y	39-40W	41W	33-34W	34-36W	38-40W	39W	36W	TERM AGA;
2/365	M	LN	3.3KG	26Y	3/9/2011	REG	G4P2L1A1	Y	39-40W	41W	39-40W	38040W	38-40W	38W	36W	TERM AGA;
2/365	M	LN	2.6KG	19Y	2/27/2011	REG	G2A1	Y	38W	40W	37-39W	38-40W	38-40W	38W	37W	TERM AGA;
2/365	M	LN	2.8K	24Y	2/27/2011	REG	G2P1L1	Y	38W	40W	36-37W	36-37W	38-40W	38-39W	36W	TERM AGA;
2/365	F	LN	2.9KG	25Y	3/9/2011	REG	PRIMI	Y	37W	40W	36-37W	36-37W	38W	38-39W	36W	TERM AGA;
2/365	M	LN	3KG	29Y	3/13/2011	REG	G5P4L4	Y	40W	41W	37-39W	38-40W	38-40W	35W	35W	TERM AGA;
2/365	M	LN	3.5KG	20Y	2/18/2011	REG	PRIMI	Y	41W	41W	40-41W	38-40W	38-40W	40W	39W	TERM AGA;
2/365	F	LN	2.75KG	19Y	2/19/2011	REG	PRIMI	Y	39W	41W	37-39W	38-40W	38-40W	38-39W	38W	TERM AGA;
2/365	F	LN	3KG	30Y	2/13/2011	REG	G2P2L2	Y	40W	41W	36-37W	38-40W	40-42W	39-40W	39W	TERM AGA;
2/365	F	LN	2.3KG	25Y	3/7/2011	REG	PRIMI	Y	38W	40W	33-34W	34-36W	38W	37-38W	35W	TERM LBW;
2/365	M	LN	3KG	20Y	2/20/2011	REG	PRIMI	Y	40-41W	41W	37-39W	38-40W	38-40W	38-39W	38W	TERM AGA;
1/365	F	LN	3.5KG	21Y	2/28/2011	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	38-40W	37W	37W	TERM AGA;
1/365	M	LN	3KG	21Y	3/1/2011	REG	G7P1L1A5	Y	40W	41W	39-40W	38-40W	38-40W	37W	36W	TERM AGA;
2/365	F	LN	2.5KG	25Y	3/3/2011	REG	G3P1L1A1	Y	39W	40W	36-37W	34-36W	38-40W	38W+/1W	36W	TERM AGA;
1/365	M	LN	2.9KG	29Y	12/25/2011	REG	PRIMI	Y	40W	41W	36-37W	38-40W	38-40W	39W	37W	TERM AGA;
2/365	F	LN	3.2K	24Y	2/24/2011	REG	G2P1L1	Y	39W	41W	39-40W	38-40W	40W	40W	37W	TERM AGA;
1/365	M	LN	2.8K	23Y	3/7/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	38-40W	38W	35W	TERM AGA;
2/365	M	LN	3KG	22Y	3/8/2011	REG	G2P1L1	Y	41W	41W	36-37W	38-40W	38-40W	39W	35W	TERM AGA;
1/365	M	LN	2.7KG	23Y	3/10/2011	REG	PRIMI	Y	41W	41W	37-39W	38-40W	40W	37W	35W	TERM AGA;
1/365	M	LN	3.3KG	24Y	3/9/2011	REG	G2P1L1	Y	38W	40W	39-40W	38-40W	38-40W	39W+/1D	36W	TERM AGA;
2/365	M	LN	2.4KG	21Y	3/12/2011	REG	PRIMI	Y	41W	41W	34-36W	36-37W	40W	35W	34W	TERM LBW;
1/365	F	LN	2.6KG	23Y	2/24/2011	REG	PRIMI	Y	38-39W	39W	36-37W	34-36W	38W	36-37W	37W	TERM AGA;

2/365	M	LN	3KG	23Y	3/13/2011	REG	PRIMI	Y	40W	40W	37-39W	38-40W	38-40W	40W	35W	TERM AGA;
2/365	M	LN	2.7KG	35Y	2/22/2011	REG	G3P2L1	Y	40W	41W	37-39W	38-40W	40W	40W	37W	TERM AGA;
1/365	F	LN	3.3KG	20Y	3/1/2011	REG	PRIMI	Y	40W	40W	39-40W	38-40W	38-40W	39W	36W	TERM AGA;
2/365	M	LN	3KG	21Y	3/1/2011	REG	G2P1L1	Y	41W	41W	37-39W	38-40W	38-40W	37W	36W	TERM AGA;
2/365	M	LN	2.8KG	23Y	2/20/2011	REG	PRIMI	Y	41W	41W	36-37W	38-40W	38-40W	39W	38W	TERM AGA;
2/365	F	LN	3.25KG	32Y	2/20/2011	REG	G3P2L2	Y	39W	39W	37-39W	36-37W	38-40W	38W	38W	TERM AGA;
1/365	F	LN	2KG	19Y	2/25/2011	REG	PRIMI	Y	38W	38W	34-36W	34-36W	38-40W	37+/1W	37W	TERM LBW;
1/365	M	LN	2.6KG	26Y	2/26/2011	REG	PRIMI	Y	41W	41W	36-37W	3-40W	40W	37W	37W	TERM AGA;
2/365	F	LN	3.3KG	25Y	3/15/2011	REG	PRIMI	Y	39W	41W	37-39W	38-40W	40W	38W	35W	TERM AGA;
2/365	f	ln	2.8kg	24y	3/4/2011	REG	PRIMI	y	39w	41w	36-37w	36-37w	38-40w	39w	37w	TERM AGA;
1/365	F	LN	2.275KG	23Y	3/26/2011	REG	G2P1L1	Y	39W	39W	33-34W	33-34W	38-40W	35W	33W	TERM LBW;
1/365	F	LN	2.7KG	21Y	3/8/2011	REG	G2P1L1	Y	39W	40W	34-36W	34-36W	38-40W	38-39W	36W	TERM AGA;
1/365	M	LN	3.1KG	20Y	3/24/2011	REG	PRIMI	Y	38W	39W	39-40W	38-40W	38-40W	38+/-2W	35W	TERM AGA;
1/365	M	LN	2.75KG	26Y	3/16/2011	REG	PRIMI	Y	38W	40W	36-37W	36-37W	38-40W	35W	35W	TERM AGA;
2/365	M	LN	2.8KG	25Y	3/23/2011	REG	PRIMI	Y	40-41W	41W	37-39W	38-40W	38-40W	40W	37W	TERM AGA;
2/365	M	LN	2.6KG	23Y	3/21/2011	REG	G2A1	Y	38W	40W	34-36W	38-40W	40-42W	37-38W	35W	TERM AGA;
2/365	F	LN	2.5KG	31Y	3/9/2011	REG	PRIMI	Y	37W	39W	34-36W	34-36W	36-38W	37W	36W	TERM AGA;
2/365	F	LN	2.75KG	29Y	3/10/2011	REG	G3P2L2	Y	41W	41W	34-36W	36-37W	40-42W	39W	36W	TERM AGA;
2/365	M	LN	3.2KG	23Y	2/27/2011	REG	PRIMI	Y	40W	40W	36-37W	36-37W	38-40W	40W	38-39W	TERM AGA;
2/365	M	LN	2.5KG	25Y	3/22/2011	REG	G43P3L3	Y	38W	39W	34-36W	34-36W	38-40W	32W	34W	TERM AGA;
2/365	M	LN	2.25KG	21Y	3/8/2011	REG	PRIMI	Y	39W	39W	36-37W	36-37W	38-40W	38W	36W	TERM LBW;
2/365	F	LN	2.6KG	29Y	3/16/2011	REG	G2P1L1	Y	39W	41W	34-36W	34-36W	38-40W	36-37W	35W	TERM AGA;
2/365	F	LN	3KG	19Y	3/10/2011	REG	PRIMI	Y	41W	40W	37-39W	36-37W	38-40W	38W	36W	TERM AGA;
2/365	M	LN	3.2K	17Y	3/20/2011	REG	PRIMI	Y	40W	40W	37-39W	38-40W	40W	38W	35W	TERM AGA;
2/365	M	LN	2.8KG	22Y	3/2/2011	REG	PRIMI	Y	39W	40W	36-37W	36-37W	38-40W	37W	37W	TERM AGA;
2/365	M	LN	2.6KG	26Y	3/16/2011	REG	G3P2L2	Y	39-40W	40W	37-39W	38-40W	38-40W	40W	36W	TERM AGA;
2/365	F	LN	2.6KG	25Y	3/8/2011	REG	PRIMI	Y	39-40W	41W	34-36W	34-36W	38-40W	39W	37W	TERM AGA;
2/365	M	LN	2.8KG	22Y	3/13/2011	REG	PRIMI	Y	39-40W	41W	37-39W	38-40W	38-40W	39W	37W	TERM AGA;
1/365	F	LN	2.6KG	29Y	4/1/2011	REG	G3P2L2	Y	38-39W	39W	37-39W	36-37W	38-40W	38W	35W	TERM AGA;
1/365	F	LN	3.2KG	24Y	3/24/2011	REG	PRIMI	Y	38W	39W	37-39W	38-40W	38-40W	40W	35W	TERM AGA;
1/365	F	LN	2.5KG	25Y	3/25/2011	REG	PRIMI	Y	38W	40W	36-37W	34-36W	38-40W	36W	35W	TERM AGA;
1/365	F	LN	2.3KG	27Y	3/17/2011	REG	PRIMI	Y	39-40W	40W	34-36W	34-36W	38-40W	37W	36W	TERM LBW;
2/365	F	LN	2.3KG	19Y	3/24/2011	REG	PRIMI	Y	38-39W	41W	34-36W	34-36W	38W	35W	35W	TERM LBW;
2/365	M	LN	2.9KG	21Y	3/26/2011	REG	PRIMI	Y	39W	41W	36-37W	38-40W	38-40W	36W	35W	TERM AGA;
2/365	M	LN	2.8KG	23Y	4/7/2011	REG	G2P1L1	Y	38W	39W	36-	36-37W	38-	39W	34W	TERM AGA;

											37W		40W			
2/365	M	LN	2.75KG	20Y	3/15/2011	REG	PRIMI	Y	41W	41W	37-39W	38-40W	40-42W	41W	37W	TERM AGA;
2/365	F	LN	2.7KG	27Y	4/11/2011	REG	PRIMI	Y	39W	40W	36-37W	38-40W	38-40W	36+/-1W	34W	TERM AGA;
2/365	M	LN	2.25KG	22Y	4/5/2011	REG	PRIMI	Y	38W	40W	36-37W	36-37W	38-40W	38W	34W	TERM LBW;
2/365	F	LN	2.8KG	26Y	3/22/2011	REG	G3P1L1A1	Y	40W	41W	37-39W	38-40W	38-40W	39W	36W	TERM AGA;
2/365	M	LN	2.25KG	30Y	4/12/2011	REG	G4P2L2A1	Y	38W	40W	34-36W	36-37W	38-40W	36W	35W	TERM LBW;
2/365	F	LN	2.5KG	32Y	3/15/2011	REG	G2P1L1	Y	41W	41W	34-36W	34-36W	40W	41W	37W	TERM AGA;
2/365	F	LN	2.8KG	27Y	3/17/2011	REG	G3P2L2	Y	39W	41W	36-37W	36-37W	38-40W	38W	37W	TERM AGA;
2/365	M	LN	2.75KG	25Y	3/14/2011	REG	PRIMI	Y	39W	41W	34-36W	38-40W	40W	39W	38W	TERM AGA
2/365	M	LN	3.5KG	34Y	3/20/2011	REG	G2P1L1	Y	42W	41W	39-40W	38-40W	40-42W	38W	37W	TERM AGA
1/365	M	LN	2.75KG	23Y	3/31/2011	REG	G2P1L1	Y	39-40W	40W	39-40W	38-40W	38-40W	37W	35W	TERM AGA;
2/365	F	LN	2.7KG	20Y	3/31/2011	REG	PRIMI	Y	40W	41W	34-36W	34-36W	38-40W	37W	35W	TERM AGA;
1/365	F	LN	3.2KG	21Y	3/15/2011	REG	PRIMI	Y	40W	42W	37-39W	38-40W	40-42W	38+/-2W	38W	TERM AGA;
1/365	M	LN	3.2K	25Y	3/15/2011	REG	PRIMI	Y	41W	41W	37-39W	38-40W	40-42W	41W	38W	TERM AGA;
1/365	F	LN	2.7KG	24Y	4/18/2011	REG	G2A1	Y	38-39W	39W	36-37W	34-36W	38W	38W	33W	TERM AGA;
2/365	M	LN	2.6KG	28Y	4/3/2011	REG	G3P2L2	Y	39W	41W	34-36W	36-37W	38-40W	36W	35W	TERM AGA;
1/365	M	LN	3.2KG	20Y	3/13/2011	REG	PRIMI	Y	40W	41W	≥40W	38-40W	38-40W	38W	38W	TERM AGA;
1/365	M	LN	2.1KG	19Y	3/21/2011	REG	PRIMI	Y	39W	40W	34-36W	34-36W	38W	35+/1W	37W	TERM LBW;
2/365	M	LN	3.3KG	26Y	3/25/2011	REG	G2P1L1	Y	40W	41W	37-39W	38-40W	40W	40W	36W	TERM AGA;
2/365	M	LN	2.8KG	29Y	3/24/2011	REG	G2P1LO	Y	39W	41W	37-39W	38-40W	38-40W	38W	36W	TERM AGA;
1/365	M	LN	2.75KG	20Y	4/7/2011	REG	G2A1	Y	38-39W	39W	36-37W	34-36W	38W	38-39W	36W	TERM AGA;
1/365	F	LN	3KG	22Y	4/1/2011	REG	G2A1	Y	40-41W	41W	37-39W	38-40W	40W	37W	35W	TERM AGA;
2/365	F	LN	2.4KG	23Y	4/17/2011	REG	PRIMI	Y	39-40	40W	34-36W	34-36W	38-40W	36W	33W	TERM LBW;
2/365	F	LN	2.5KG	30Y	4/10/2011	REG	G2P1L1	Y	38-39	40W	36-37W	34-36W	38-40W	38W	36W	TERM AGA;
2/365	M	LN	2.5KG	22Y	3/30/2011	REG	G2P1L1	Y	39-40W	40W	36-37W	36-37W	38-40W	38W	37W	TERM AGA;
1/365	M	LN	3KG	28Y	4/15/2011	REG	G2P1L1	Y	41W	41W	36-37W	38-40W	38-40W	37W	35W	TERM AGA;
1/365	M	LN	2.75KG	22Y	4/1/2011	REG	G2P1L1	Y	38-39W	41W	36-37W	38-40W	38-40W	37W	37W	TERM AGA;
2/365	M	LN	3.1K	19Y	4/6/2011	REG	PRIMI	Y	40W	41W	39-40W	38-40W	38-40W	40W	36W	TERM AGA;
1/365	M	LN	3.1K	21Y	4/13/2011	REG	PRIMI	Y	40-41W	41W	34-39W	38-40W	40W	39W	35W	TERM AGA;
1/365	M	LN	3KG	25Y	4/15/2011	REG	PRIMI	Y	39-40W	40W	37-39W	36-37W	38-40W	39W	35W	TERM AGA;
1/365	M	LN	3.25KG	21Y	4/1/2011	REG	PRIMI	Y	39-40W	41W	≥40W	38-40W	38-40W	40W	37W	TERM AGA;
1/365	F	LN	3.1KG	25Y	4/16/2011	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	38-40W	39W	35W	TERM AGA;
2/365	M	LN	2.7KG	20Y	4/26/2011	REG	PRIMI	Y	40-41W	41W	34-36W	36-37W	40W	36-37W	34W	TERM AGA;
2/365	M	LN	2.8KG	19Y	4/14/2011	REG	PRIMI	Y	40-41W	41W	36-37W	38-40W	40-42W	37W	34W	TERM AGA;
2/365	M	LN	3.2KG	23Y	4/10/2011	REG	G2P1L1	Y	39-40W	41W	37-39W	38-40W	38-40W	39-40W	35W	TERM AGA;

1/365	F	LN	2.3KG	26Y	4/22/2011	REG	G2P1L1	Y	38-39W	41W	34-36W	36-37W	40W	35W	33W	TERM LBW;
1/365	F	LN	2.5KG	22Y	3/17/2011	REG	PRIMI	Y	39-40W	41W	34-36W	36-37W	40-42W	40-41W	39W	TERM AGA;
2/365	F	LN	3KG	23Y	4/7/2011	REG	PRIMI	Y	40-41W	41W	34-36W	36-37W	40-42W	39W	35W	TERM AGA;
1/365	F	LN	3.1KG	23Y	4/5/2011	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	40-42W	39W	37W	TERM AGA;
2/365	F	LN	3KG	25Y	4/10/2011	REG	G2P1L1	Y	41-42W	42W	37-39W	38-40W	40-42W	40W	36W	TERM AGA;
1/365	M	LN	2.5KG	21Y	4/20/2011	REG	PRIMI	Y	39-40W	41W	34-36W	36-37W	38-40W	38W	35W	TERM AGA;
2/365	F	LN	2.8K	20Y	4/28/2011	REG	PRIMI	Y	40-41W	40W	36-37W	38-40W	40W	39W	34W	TERM AGA;
1/365	M	LN	2.8KG	24Y	4/19/2011	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	38-40W	37W	35W	TERM AGA;
2/365	M	LN	3.2KG	22Y	4/3/2012	REG	PRIMI	Y	40-41W	41W	37-39W	38-40W	40-42W	38W	37W	TERM AGA;
1/365	M	LN	3KG	29Y	4/8/2011	REG	PRIMI	Y	36-37W	40W	36-37W	36-37W	38-40W	38W	36W	TERM AGA;
1/365	M	LN	2.75KG	22Y	4/3/2011	REG	G2P1L1	Y	40-41W	41W	36-37W	38-40W	40-42W	40-41W	37W	TERM AGA;
2/365	M	LN	2.8KG	22Y	4/17/2011	REG	G2A1	Y	36-37W	39W	36-37W	34-36W	38-40W	36W	34W	TERM AGA;
1/365	F	LN	2.8KG	20Y	4/5/2011	REG	G2A1	Y	40-41W	41W	36-37W	36-37W	38-40W	39W	37W	TERM AGA;
1/365	F	LN	2.2KG	24Y	4/13/2011	REG	PRIMI	Y	39-40W	40W	33-34W	34-36W	38-40W	35-36W	36W	TERM LBW;
1/365	F	LN	3KG	23Y	4/15/2011	REG	PRIMI	Y	39-40W	41W	37-=39W	38-40W	38-40W	38W	36W	TERM AGA;
2/365	F	LN	2.3KG	28Y	4/26/2011	REG	G2P1L0	Y	37-38W	39W	33-34W	34-36W	38-40W	36-37W	34W	TERM LBW;
1/365	F	LN	3.2KG	23Y	4/1/2011	REG	G3P2L1	Y	41-42W	41W	39-40W	38-40W	40W	38W	37W	TERM AGA;
1/365	F	LN	3KG	26Y	4/14/2011	REG	G3P2L1	Y	40W	40W	36-37W	38-40W	38-40W	39W	36W	TERM AGA;
1/365	M	LN	3.2KG	28Y	4/11/2011	REG	G2P1L1	Y	39-40W	41W	36-37W	38-40W	38-40W	38W	36W	TERM AGA;
1/365	F	LN	2.5KG	23Y	10/1/2010	REG	G2P1L1A1	Y	38W	39W	39-40W	38-40W	38W	38W	35W	TERM AGA; NBS,USG
1/365	M	LN	2.8KG	23Y	9/7/2010	REG	G2P1L1	Y	39-40W	39W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; ALL CORI
1/365	F	LN	2.8KG	23Y	9/22/2010	REG	G2P1L1	Y	40-41W	41W	39-40W	38-40W	38-40W	38+/-1W	36W	TERM AGA; NBS,USG
1/365	M	LN	3.2KG	19Y	9/10/2010	REG	PRIMI	Y	39-40W	41W	≥40	≥40W	40-42W	38+/-1W	38W	TERM AGA; NBS, FN,
1/365	M	LN	2.8KG	25Y	8/27/2010	REG	G3P2L2	Y	40-41W	41W	39-40W	38-40W	38-40W	40+/-1W	39W	TERM AGA; ALL CORI
1/365	M	LN	2.3KG	27Y	9/7/2010	REG	G2P1L1	Y	39-40W	40W	36-37W	38-40W	38-40W	38+/-1W	37W	TERM LBW; NBS,USG
3/365	M	LN	3.2KG	21Y	9/10/2010	REG	G2P1L1	Y	39-40W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,E
2/365	F	LN	2.2KG	19Y	9/19/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	38W	35-36W	36W	TEEN PREG + ANAEM WELL
2/365	F	LN	2.5KG	26Y	9/12/2010	REG	G6P2L1A3	Y	40-41W	40W	37-39W	38-40W	40W	36W	37W	TERM AGA; NBS,FN,F
1/365M	M	LN	3KG	24Y	9/17/2010	REG	G2P1L1	Y	41-42W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA; NBS,USG
1/365	F	LN	2.5KG	24Y	9/16/2010	REG	PRIMI	Y	38-39W	40W	37-39W	36-37W	38-40W	38W	37W	TERM AGA; NBS,USG
2/365	M	LN	2.3KG	19Y	10/1/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	40W	35-36W	35W	TEEN PREG + IUGR; N
1/365	M	LN	2.7KG	28Y	9/16/2010	REG	G2P1L1	Y	38-39W	39W	36-37W	36-37W	38-40W	40W	37W	TERM AGA; NBS,USG
1/365	M	LN	2.3KG	20Y	9/19/2010	REG	PRIMI	Y	39-40W	40W	36-37W	38-40W	38-40W	38W	37W	TERM LBW; NBS,FN,I
1/365	F	LSCS	3KG	38Y	9/1/2010	REG	G3P1L1A1	Y	40-41W	41W	39-40W	38-40W	40-42W	40W	39W	TERM AGA; NBS,USG
2/365	M	LSCS	2.8KG	29Y	9/15/2010	NR	PRIMI	Y	39-	41W	34-	36-37W	38-	37W	37W	MILD PIH + INFERTILI

									40W		36W		40W			
1/365	F	LSCS	3KG	23Y	9/11/2010	REG	PRIMI	Y	37-38W	40W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; NBS,USG
1/365	F	LSCS	2.2KG	23Y	9/10/2010	REG	G3P2L2	Y	38-39W	38W	33-34W	34-36W	40W	38-39W	38W	TERM IUGR; USG,DA
2/365	F	LSCS	3KG	22Y	9/5/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; NBS,USG
2/365	M	LSCS	2.8KG	22Y	10/6/2010	REG	G2A1	Y	39-40W	39W	39-40W	38-40W	38-40W	37W	34W	PIH; TERM AGA; NBS
1/365	F	LSCS	2.9KG	23Y	9/11/2010	REG	G2P1L1	Y	38-39W	39W	36-37W	34-36W	38-40W	37W	38W	TERM AGA; NBS,DAT
1/365	M	LSCS	2.7KG	22Y	9/3/2010	REG	PRIMI	Y	39-40W	40W	36-37W	36-37W	38-40W	37W	39W	TERM AGA; NBS, DA
1/365	M	LSCS	2.5KG	28Y	9/1/2010	REG	G2P1L1	Y	38-39W	40W	36-37W	38-40W	38-40W	38W	39W	TERM AGA; NBS,USG
1/365	F	LSCS	2.3KG	25Y	9/18/2010	REG	G2P1L1	Y	39-40W	41W	34-36W	34-36W	38-40W	38W	37W	TERM LBW; NBS, FN
1/365	F	LSCS	3.4KG	23Y	9/10/2010	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	38-40W	39-40W	38W	TERM AGA; NBS,USG
1/365	F	LSCS	2.4KG	26Y	9/18/2010	REG	PRIMI	Y	4O-41W	41W	36-37W	36-37W	4OW	38W	36W	TERM LBW; NBS,FN
3/365	M	LSCS	2.9KG	23Y	9/15/2010	REG	G2P1L1	Y	37-38W	39W	36-37W	36-37W	38W	37W	37W	TERM AGA; USG,DAT
1/365	F	LSCS	2.7KG	24Y	9/22/2010	REG	G2P1L1	Y	41-42W	41W	34-36W	36-37W	38-40W	37W	36W	TERM AGA
2/365	M	LSCS	2.9KG	25Y	9/17/2010	REG	G3P1L1A1	Y	39-40W	40W	37-39W	38-40W	38W	38W	37W	TERM AGA; NBS,USG
2/365	M	LSCS	3KG	21Y	9/15/2010	REG	G2P1L1	Y	37-38W	40W	37-39W	38-40W	36-38W	37W	37W	TERM AGA; NBS,USG
1/365	F	LSCS	3.2K	21Y	9/14/2010	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	38-40W	37W	37W	TERM AGA; NBS,FN,E
3/365	M	LSCS	2.5KG	27Y	9/10/2010	REG	G2P1L1	Y	40-41W	41W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; NBS,USG
1/365	M	LN	2.9KG	20Y	9/14/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,E
2/365	M	LN	3.1KG	24Y	9/1/2010	REG	G4P1L1A2	Y	39-40W	39W	37-39W	38-40W	40W	40W	39W	TERM AGA; NBS,USG
1/365	M	LN	2.7KG	22Y	9/14/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	40--42W	36W	37W	TERM AGA; NBS,FN E
3/365	F	LN	2.5KG	24Y	9/17/2010	REG	G2A1	Y	37-38W	40W	37-39W	38-40W	38-40W	37W	37W	TERM AGA; NBS,FN,
1/365	F	LN	3KG	21Y	9/12/2010	REG	PRIMI	Y	36-37W	40W	39-40W	38-40W	38-40W	37W	38W	TERM AGA; NBS,ER 1
1/365	F	LN	2.9KG	28Y	9/6/2010	REG	G2P2L2	Y	39-40W	40W	≥40W	38-40W	38-40W	≥40W	38W	TERM AGA; NBS,USG
1/365	F	LN	3KG	25Y	9/26/2010	REG	G2P1L1	N	38-39W	39W	37-39W	38-40W	38-40W	39W	36W	TERM AGA; NBS,USG
2/365	M	LN	2.6KG	21Y	9/23/2010	REG	PRIMI	Y	39-40W	39W	37-39W	38-40W	38-40W	37+/-1W	36W	TERM AGA; NBS,FN,F
2/365	F	LN	2.9KG	27Y	9/22/2010	REG	G3P2L2	Y	37-38W	40W	37-39W	38-40W	38W	37W	35W	TERM AGA; NBS,FN,E
2/365	M	LN	2KG	24Y	10/1/2010	REG	PRIMI	Y	37-38W	39W	34-36W	34-36W	38-40W	37W	34W	TERM IUGR; NBS,FN
1/365	M	LN	2.9KG	20Y	9/17/2010	REG	PRIMI	Y	40-41W	40W	39-40W	38-40W	38-40W	38W	37W	TERM AGA; NBS,ER1
1/365	M	LN	2.5KG	22Y	9/15/2010	REG	PRIMI	Y	39-40W	41W	36-37W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,E
2/365	F	LN	3.2K	20Y	10/8/2010	REG	PRIMI	Y	39-40W	40W	39-40W	38-40W	38-40W	38+/-1W	35W	TERM AGA; NBS,USG
2/365	M	LN	2.8KG	30Y	9/7/2010	REG	G2A1	Y	39-40W	40W	39-40W	38-40W	38-40W	39W	38W	PIH; TERM AGA; NBS
2/365	F	LN	2.5KG	30Y	9/10/2011	REG	PRIMI	Y	39-40W	41W	34-36W	36-37W	38-40W	40W	38W	TERM AGA; NBS,USG
1/365	F	LN	2.9KG	23Y	9/15/2010	REG	PRIMI	Y	40-41W	41W	≥40W	>40W	40W	>40W	37W	TERM AGA; NBS,USG
2/365	M	LN	2.7KG	22Y	9/22/2010	REG	PRIMI	Y	39-40W	39W	37-39W	38-40W	38-40W	38W	36W	TERM AGA; NBS,FN,F
1/365	F	LN	2.5KG	19Y	9/16/2010	REG	PRIMI	Y	39-40W	40W	37-39W	38-40W	38-40W	39W	37W	TERM AGA; NBS,FN,F

	1/365	M	FORCEPS	3.8KG	24Y	9/6/2010	REG	G2P1L1	Y	41-42W	41W	≥40W	>40W	38-40W	>40W	39W	TERM AGA; NBS,USG
	2/365	M	LN	2.2KG	25Y	9/23/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	38-40W	37W	35W	TERM LBW; NBS,FN
	2/365	F	LN	2.9KG	19Y	9/13/2010	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,E
	2/365	M	LN	2.8KG	19Y	11/7/2010	REG	PRIMI	Y	39-40W	40W	36-37W	38-40W	38-40W	38W	39W	TERM AGA; NBS,FN,E
	3/365	M	LN	3KG	21Y	11/18/2010	REG	PRIMI	Y	41-42W	42W	39-40W	>40W	40-42W	38W	38W	TERM AGA; NBS,FN,F
	1/365	F	LN	2.75KG	22Y	11/16/2010	REG	G2P1L1	Y	38-39W	41W	36-37W	36-37W	38-40W	37W	38W	TERM AGA; NBS,FN,F
	1/365	F	LN	2.6KG	25Y	11/17/2010	REG	G3P2L2	Y	38-39W	40W	36-37W	36-37W	38W	37W	37W	TERM AGA; NBS,FN
	1/365	F	LN	3KG	26Y	11/24/2010	REG	G2P1L0	Y	40W	40W	37-39W	38-40W	38-40W	32-33W	37W	TERM AGA; NBS,FN,E
	1/365	F	LN	2.8KG	20Y	11/19/2010	REG	PRIMI	Y	36-37W	40W	36-37W	36-37W	36-38W	38-39W	37W	TERM AGA; NBS,FN,E
	2/365	M	LN	2.2KG	21Y	12/16/2010	REG	PRIMI	Y	37-38W	39W	34-36W	34-36W	36-38W	35W	33W	TERM LBW; NBS,FN
	2/365	F	LN	2.6KG	27Y	12/3/2010	REG	G2P1L1	Y	36-37W	38W	36-37W	36-37W	38-40W	37-38W	34W	TERM AGA ALL CORR
	2/365	F	LN	2.6KG	22Y	11/24/2010	REG	PRIMI	Y	38-39W	39W	36-37W	36-37W	38-40W	37W	36W	TERM AGA; FN,PK,NE
	2/365	M	OUTLET	3.3KG	20Y	7/16/2010	REG	PRIMI	Y	40-41W	40W	40W	38-40W	38-40W	38+/-3W	37W	TERM AGA; ALL CORI
	1/365	M	LN	2.7KG	23Y	11/18/2010	REG	PRIMI	Y	35-36W	38W	39-40W	38-40W	38-40W	38W	37W	TERM AGA; NBS,PAR
	1/365	F	LN	3.3KG	26Y	11/16/2010	REG	G2P1L1	Y	40-41W	41W	37-39W	38-40W	36-38W	38W	37W	TERM AGA; NBS,USG
	2/365	M	LN	3KG	22Y	11/16/2010	REG	PRIMI	Y	41-42W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA; NBS.EG-
	1/365	F	LN	3KG	32Y	12/2/2010	REG	G4P2L2A1	Y	38-39W	40W	37-39W	38-40W	40W	37W	35W	TERM AGA; ALL CORI
	1/365	F	LN	2.7KG	20Y	12/7/2010	REG	PRIMI	Y	38-40W	40W	36-37W	36-37W	38-40W	37W	34W	TERM AGA; NBS.,FN,
	2/365	F	LN	2.7KG	21Y	11/20/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	40-42W	39W	37W	TERM AGA; ALL CORI
	2/365	M	LN	2.6KG	19Y	11/27/2010	REG	G2A1	Y	39-40W	41W	34-36W	36-37W	38-40W	37W	35W	TERM AGA; NBS,FN
	2/365	M	LN	2.5KG	20Y	11/23/2010	REG	PRIMI	Y	40-42W	40W	36-37W	37-40W	38-40W	39W	36W	TERM LBW; NBS,FN,E
	2/365	M	LN	2.5KG	24Y	12/1/2010	REG	G2P1L1	Y	38-39W	40W	36-37W	38-40W	40W	38W	36W	TERM LBW; NBS,PK,E
	1/365	F	LN	2.4KG	20Y	11/20/2010	REG	G2P1L1	Y	39-40W	40W	34-36W	34-36W	40-42W	39W	37W	TERM LBW; NBS,FN,E
	1/365	M	LN	3KG	20Y	11/19/2010	REG	G2A1	Y	37-38W	39W	40W	38-40W	38-40W	39-40W	37W	TERM AGA; ALL CORI
	1/365	F	LN	2.5KG	26Y	11/20/2010	REG	G5P3L2A1	Y	38-39W	38W	36-37W	34-36W	36-38W	37W	37W	TERM LBW; NBS,FN,E
L	2/365	M	LN	3KG	22Y	12/1/2010	REG	G2P1L1	Y	39-40W	40W	39-40W	38-40W	38-40W	38W	35W	TERM AGA; ALL CORI
	2/365	F	LN	2.5KG	24Y	12/20/2010	REG	G2P1L1	Y	40-41W	41W	36-37W	38-40W	40W	37W	37W	TERM LBW; NBS,FN,E
	3/365	F	LN	2.5KG	21Y	11/17/2010	REG	PRIMI	Y	39-40W	41W	36-37W	38-40W	38-40W	35-36W	37W	TERM LBW; NBS,FN,E
	1/365	F	LN	3KG	23Y	11/20/2010	REG	PRIMI	Y	38-39W	41W	39-40W	38-40W	40W	38W	37W	TERM AGA; NBS,EG-
	3/365	M	LN	2.8K	30Y	11/29/2010	REG	G3P2L2	Y	39-40W	41W	37-39W	38-40W	38-40W	38W	35W	TERM AGA; NBS,FN,E
	2/365	M	LN	3KG	24Y	11/15/2010	REG	G3P2L1	Y	40-41W	40W	39-40W	38-40W	38-40W	40W	38W	TERM AGA; ALL CORI
	2/365	M	LN	2.4KG	24Y	11/19/2010	REG	G2P1L1	Y	40-41W	41W	34-36W	38-40W	40-42W	37W	37W	TERM LBW; NBS,FN,E
	2/365	M	LN	2.6KG	22Y	11/15/2010	REG	G2P1L0	Y	39W	36-37W	36-37W	38-40W	39-40W	38W	37W	TERM AGA; NBS,FN,E
	2/365	F	LN	3KG	28Y	12/1/2010	REG	G2P2L2	Y	39-40W	41W	39-40W	38-40W	38-40W	38W	35W	TERM AGA; NBS,FN,E
	2/365	F	LN	3KG	20Y	11/21/2010	REG	PRIMI	Y	39W	36-	36-	38-40W	38-	38W	37W	TERM AGA; NBS,FN,

										37W	37W		40W			
1/365	F	LN	2.6KG	27Y	11/13/2010	REG	G3P1L1A1	Y	41-42W	42W	34-36W	38-40W	40-42W	39-40W	38W	TERM AGA; NBS,FN C
2/365	M	LN	2.4KG	23Y	11/27/2010	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	40-42W	36W	36W	TERM LBW; NBS,PK C
2/365	M	LN	3.2K	23Y	11/18/2010	REG	G4P1L1A2	Y	40-41W	41W	37-39W	38-40W	38-40W	39-40W	37W	TERM AGA; NBS,FN,E
1/365	F	LN	2.9KG	27Y	11/11/2010	REG	PRIMI	Y	39-40W	41W	36-37W	38-40W	38-40W	39W	39W	TERM AGA; NBS,FN,E
1/365	F	LN	3KG	22Y	11/28/2010	REG	PRIMI	Y	38-39W	40W	39-40W	38-40W	40W	37W	36W	TERM AGA; ALL CORI
1/365	M	LN	3.3KG	25Y	11/24/2010	REG	G3P2L2	Y	38-39W	39W	39-40W	38-40W	38W	39W	36W	TERM AGA;
2/365	F	LN	2.2KG	30Y	11/30/2010	REG	G4P2L2A1	Y	37-38W	39W	34-36W	34-36W	40W	35W	35W	TERM LBW;
2/365	F	LN	3.1K	23Y	11/30/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	38-40W	38W	35W	TERM AGA;
2/365	M	LN	2.8K	22Y	11/30/2010	REG	PRIMI	Y	39-40W	39W	36-37W	36-37W	38-40W	37-38W	35W	TERM AGA;
1/365	M	LN	3.3KG	30Y	11/20/2010	REG	G3P2L1	Y	40-41W	41W	37-39W	40W	40W	38W	37W	TERM AGA;
2/365	M	LN	2.8K	25Y	11/29/2010	REG	G2P1LO	Y	38-39W	39W	37-39W	38-40W	38-40W	38W	36W	TERM AGA;
2/365	F	LN	3KG	25Y	11/29/2010	REG	G4P3L1	Y	39-40W	40W	37-40W	38-40W	38-40W	37W	35W	TERM AGA;
2/365	M	LN	2.9KG	20Y	2/22/2011	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	40-42W	40W	37W	TERM AGA;
2/365	F	LN	2.9KG	20Y	3/27/2011	REG	G2P1L1	Y	41-42W	41W	36-37W	36-37W	38-40W	38-39W	36-37W	TERM AGA;
2/365	F	LN	3KG	26Y	2/17/2011	REG	PRIMI	Y	42W	41W	39-40W	38-40W	38-40W	38W	38W	TERM AGA;
3/365	M	LN	2.3KG	26Y	3/2/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	38-40W	38-39W	36W	TERM LBW;
2/365	M	LN	2.9KG	21Y	2/24/2011	REG	PRIMI	Y	40-41W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA;
2/365	F	LN	2.4KG	21Y	3/4/2011	REG	PRIMI	Y	39-40W	40W	33-34W	34-36W	38-40W	38W	35W	TERM LBW;
1/365	F	LN	2.5KG	31Y	2/25/2011	REG	G4P1L1A2	Y	39-40W	41W	34-36W	34-36W	38-40W	38W	37W	TERM AGA;
2/365	M	LN	2.7KG	22Y	2/28/2011	REG	PRIMI	Y	38-39W	40W	36-37W	36-37W	40W	38-39W	36W	TERM AGA;
1/365	F	LN	2.8K	26Y	3/3/2011	REG	G2P1L1	Y	36-37W	38W	36-37W	36-37W	38-40W	38-39W	36W	TERM AGA;
2/365	F	LN	2.7KG	22Y	2/24/2011	REG	G2A1	Y	39-40W	41W	33-34W	34-36W	38-40W	39W	36W	TERM AGA;
2/365	M	LN	3.3KG	26Y	3/9/2011	REG	G4P2L1A1	Y	39-40W	41W	39-40W	38040W	38-40W	38W	36W	TERM AGA;
2/365	M	LN	2.6KG	19Y	2/27/2011	REG	G2A1	Y	38W	40W	37-39W	38-40W	38-40W	38W	37W	TERM AGA;
2/365	M	LN	2.8K	24Y	2/27/2011	REG	G2P1L1	Y	38W	40W	36-37W	36-37W	38-40W	38-39W	36W	TERM AGA;
2/365	F	LN	2.9KG	25Y	3/9/2011	REG	PRIMI	Y	37W	40W	36-37W	36-37W	38W	38-39W	36W	TERM AGA;
2/365	M	LN	3KG	29Y	3/13/2011	REG	G5P4L4	Y	40W	41W	37-39W	38-40W	38-40W	35W	35W	TERM AGA;
2/365	M	LN	3.5KG	20Y	2/18/2011	REG	PRIMI	Y	41W	41W	40-41W	38-40W	38-40W	40W	39W	TERM AGA;
2/365	F	LN	2.75KG	19Y	2/19/2011	REG	PRIMI	Y	39W	41W	37-39W	38-40W	38-40W	38-39W	38W	TERM AGA;
2/365	F	LN	3KG	30Y	2/13/2011	REG	G2P2L2	Y	40W	41W	36-37W	38-40W	40-42W	39-40W	39W	TERM AGA;
2/365	F	LN	2.3KG	25Y	3/7/2011	REG	PRIMI	Y	38W	40W	33-34W	34-36W	38W	37-38W	35W	TERM LBW;
2/365	M	LN	3KG	20Y	2/20/2011	REG	PRIMI	Y	40-41W	41W	37-39W	38-40W	38-40W	38-39W	38W	TERM AGA;
1/365	F	LN	3.5KG	21Y	2/28/2011	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	38-40W	37W	37W	TERM AGA;
1/365	M	LN	3KG	21Y	3/1/2011	REG	G7P1L1A5	Y	40W	41W	39-40W	38-40W	38-40W	37W	36W	TERM AGA;

2/365	F	LN	2.5KG	25Y	3/3/2011	REG	G3P1L1A1	Y	39W	40W	36-37W	34-36W	38-40W	38W+/1W	36W	TERM AGA;
1/365	M	LN	2.9KG	29Y	12/25/2011	REG	PRIMI	Y	40W	41W	36-37W	38-40W	38-40W	39W	37W	TERM AGA;
2/365	F	LN	3.2K	24Y	2/24/2011	REG	G2P1L1	Y	39W	41W	39-40W	38-40W	40W	40W	37W	TERM AGA;
1/365	M	LN	2.8K	23Y	3/7/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	38-40W	38W	35W	TERM AGA;
2/365	M	LN	3KG	22Y	3/8/2011	REG	G2P1L1	Y	41W	41W	36-37W	38-40W	38-40W	39W	35W	TERM AGA;
1/365	M	LN	2.7KG	23Y	3/10/2011	REG	PRIMI	Y	41W	41W	37-39W	38-40W	40W	37W	35W	TERM AGA;
1/365	M	LN	3.3KG	24Y	3/9/2011	REG	G2P1L1	Y	38W	40W	39-40W	38-40W	38-40W	39W+/1D	36W	TERM AGA;
2/365	M	LN	2.4KG	21Y	3/12/2011	REG	PRIMI	Y	41W	41W	34-36W	36-37W	40W	35W	34W	TERM LBW;
1/365	F	LN	2.6KG	23Y	2/24/2011	REG	PRIMI	Y	38-39W	39W	36-37W	34-36W	38W	36-37W	37W	TERM AGA;
2/365	M	LN	3KG	23Y	3/13/2011	REG	PRIMI	Y	40W	40W	37-39W	38-40W	38-40W	40W	35W	TERM AGA;
2/365	M	LN	2.7KG	35Y	2/22/2011	REG	G3P2L1	Y	40W	41W	37-39W	38-40W	40W	40W	37W	TERM AGA;
1/365	F	LN	3.3KG	20Y	3/1/2011	REG	PRIMI	Y	40W	40W	39-40W	38-40W	38-40W	39W	36W	TERM AGA;
2/365	M	LN	3KG	21Y	3/1/2011	REG	G2P1L1	Y	41W	41W	37-39W	38-40W	38-40W	37W	36W	TERM AGA;
2/365	M	LN	2.8KG	23Y	2/20/2011	REG	PRIMI	Y	41W	41W	36-37W	38-40W	38-40W	39W	38W	TERM AGA;
2/365	F	LN	3.25KG	32Y	2/20/2011	REG	G3P2L2	Y	39W	39W	37-39W	36-37W	38-40W	38W	38W	TERM AGA;
1/365	F	LN	2KG	19Y	2/25/2011	REG	PRIMI	Y	38W	38W	34-36W	34-36W	38-40W	37+/1W	37W	TERM LBW;
1/365	M	LN	2.6KG	26Y	2/26/2011	REG	PRIMI	Y	41W	41W	36-37W	3-40W	40W	37W	37W	TERM AGA;
2/365	F	LN	3.3KG	25Y	3/15/2011	REG	PRIMI	Y	39W	41W	37-39W	38-40W	40W	38W	35W	TERM AGA;
2/365	f	ln	2.8kg	24y	3/4/2011	REG	PRIMI	y	39w	41w	36-37w	36-37w	38-40w	39w	37w	TERM AGA;
1/365	F	LN	2.275KG	23Y	3/26/2011	REG	G2P1L1	Y	39W	39W	33-34W	33-34W	38-40W	35W	33W	TERM LBW;
1/365	F	LN	2.7KG	21Y	3/8/2011	REG	G2P1L1	Y	39W	40W	34-36W	34-36W	38-40W	38-39W	36W	TERM AGA;
1/365	M	LN	3.1KG	20Y	3/24/2011	REG	PRIMI	Y	38W	39W	39-40W	38-40W	38-40W	38+/-2W	35W	TERM AGA;
1/365	M	LN	2.75KG	26Y	3/16/2011	REG	PRIMI	Y	38W	40W	36-37W	36-37W	38-40W	35W	35W	TERM AGA;
2/365	M	LN	2.8KG	25Y	3/23/2011	REG	PRIMI	Y	40-41W	41W	37-39W	38-40W	38-40W	40W	37W	TERM AGA;
2/365	M	LN	2.6KG	23Y	3/21/2011	REG	G2A1	Y	38W	40W	34-36W	38-40W	40-42W	37-38W	35W	TERM AGA;
2/365	F	LN	2.5KG	31Y	3/9/2011	REG	PRIMI	Y	37W	39W	34-36W	34-36W	36-38W	37W	36W	TERM AGA;
2/365	F	LN	2.75KG	29Y	3/10/2011	REG	G3P2L2	Y	41W	41W	34-36W	36-37W	40-42W	39W	36W	TERM AGA;
2/365	M	LN	3.2KG	23Y	2/27/2011	REG	PRIMI	Y	40W	40W	36-37W	36-37W	38-40W	40W	38-39W	TERM AGA;
2/365	M	LN	2.5KG	25Y	3/22/2011	REG	G43P3L3	Y	38W	39W	34-36W	34-36W	38-40W	32W	34W	TERM AGA;
2/365	M	LN	2.25KG	21Y	3/8/2011	REG	PRIMI	Y	39W	39W	36-37W	36-37W	38-40W	38W	36W	TERM LBW;
2/365	F	LN	2.6KG	29Y	3/16/2011	REG	G2P1L1	Y	39W	41W	34-36W	34-36W	38-40W	36-37W	35W	TERM AGA;
2/365	F	LN	3KG	19Y	3/10/2011	REG	PRIMI	Y	41W	40W	37-39W	36-37W	38-40W	38W	36W	TERM AGA;
2/365	M	LN	3.2K	17Y	3/20/2011	REG	PRIMI	Y	40W	40W	37-39W	38-40W	40W	38W	35W	TERM AGA;
2/365	M	LN	2.8KG	22Y	3/2/2011	REG	PRIMI	Y	39W	40W	36-37W	36-37W	38-40W	37W	37W	TERM AGA;
2/365	M	LN	2.6KG	26Y	3/16/2011	REG	G3P2L2	Y	39-	40W	37-	38-40W	38-	40W	36W	TERM AGA;

									40W		39W		40W			
2/365	F	LN	2.6KG	25Y	3/8/2011	REG	PRIMI	Y	39-40W	41W	34-36W	34-36W	38-40W	39W	37W	TERM AGA;
2/365	M	LN	2.8KG	22Y	3/13/2011	REG	PRIMI	Y	39-40W	41W	37-39W	38-40W	38-40W	39W	37W	TERM AGA;
1/365	F	LN	2.6KG	29Y	4/1/2011	REG	G3P2L2	Y	38-39W	39W	37-39W	36-37W	38-40W	38W	35W	TERM AGA;
1/365	F	LN	3.2KG	24Y	3/24/2011	REG	PRIMI	Y	38W	39W	37-39W	38-40W	38-40W	40W	35W	TERM AGA;
1/365	F	LN	2.5KG	25Y	3/25/2011	REG	PRIMI	Y	38W	40W	36-37W	34-36W	38-40W	36W	35W	TERM AGA;
1/365	F	LN	2.3KG	27Y	3/17/2011	REG	PRIMI	Y	39-40W	40W	34-36W	34-36W	38-40W	37W	36W	TERM LBW;
2/365	F	LN	2.3KG	19Y	3/24/2011	REG	PRIMI	Y	38-39W	41W	34-36W	34-36W	38W	35W	35W	TERM LBW;
2/365	M	LN	2.9KG	21Y	3/26/2011	REG	PRIMI	Y	39W	41W	36-37W	38-40W	38-40W	36W	35W	TERM AGA;
2/365	M	LN	2.8KG	23Y	4/7/2011	REG	G2P1L1	Y	38W	39W	36-37W	36-37W	38-40W	39W	34W	TERM AGA;
2/365	M	LN	2.75KG	20Y	3/15/2011	REG	PRIMI	Y	41W	41W	37-39W	38-40W	40-42W	41W	37W	TERM AGA;
2/365	F	LN	2.7KG	27Y	4/11/2011	REG	PRIMI	Y	39W	40W	36-37W	38-40W	38-40W	36+/-1W	34W	TERM AGA;
2/365	M	LN	2.25KG	22Y	4/5/2011	REG	PRIMI	Y	38W	40W	36-37W	36-37W	38-40W	38W	34W	TERM LBW;
2/365	F	LN	2.8KG	26Y	3/22/2011	REG	G3P1L1A1	Y	40W	41W	37-39W	38-40W	38-40W	39W	36W	TERM AGA;
2/365	M	LN	2.25KG	30Y	4/12/2011	REG	G4P2L2A1	Y	38W	40W	34-36W	36-37W	38-40W	36W	35W	TERM LBW;
2/365	F	LN	2.5KG	32Y	3/15/2011	REG	G2P1L1	Y	41W	41W	34-36W	34-36W	40W	41W	37W	TERM AGA;
2/365	F	LN	2.8KG	27Y	3/17/2011	REG	G3P2L2	Y	39W	41W	36-37W	36-37W	38-40W	38W	37W	TERM AGA;
2/365	M	LN	2.75KG	25Y	3/14/2011	REG	PRIMI	Y	39W	41W	34-36W	38-40W	40W	39W	38W	TERM AGA
2/365	M	LN	3.5KG	34Y	3/20/2011	REG	G2P1L1	Y	42W	41W	39-40W	38-40W	40-42W	38W	37W	TERM AGA
1/365	M	LN	2.75KG	23Y	3/31/2011	REG	G2P1L1	Y	39-40W	40W	39-40W	38-40W	38-40W	37W	35W	TERM AGA;
2/365	F	LN	2.7KG	20Y	3/31/2011	REG	PRIMI	Y	40W	41W	34-36W	34-36W	38-40W	37W	35W	TERM AGA;
1/365	F	LN	3.2KG	21Y	3/15/2011	REG	PRIMI	Y	40W	42W	37-39W	38-40W	40-42W	38+/-2W	38W	TERM AGA;
1/365	M	LN	3.2K	25Y	3/15/2011	REG	PRIMI	Y	41W	41W	37-39W	38-40W	40-42W	41W	38W	TERM AGA;
1/365	F	LN	2.7KG	24Y	4/18/2011	REG	G2A1	Y	38-39W	39W	36-37W	34-36W	38W	38W	33W	TERM AGA;
2/365	M	LN	2.6KG	28Y	4/3/2011	REG	G3P2L2	Y	39W	41W	34-36W	36-37W	38-40W	36W	35W	TERM AGA;
1/365	M	LN	3.2KG	20Y	3/13/2011	REG	PRIMI	Y	40W	41W	≥40W	38-40W	38-40W	38W	38W	TERM AGA;
1/365	M	LN	2.1KG	19Y	3/21/2011	REG	PRIMI	Y	39W	40W	34-36W	34-36W	38W	35+/1W	37W	TERM LBW;
2/365	M	LN	3.3KG	26Y	3/25/2011	REG	G2P1L1	Y	40W	41W	37-39W	38-40W	40W	40W	36W	TERM AGA;
2/365	M	LN	2.8KG	29Y	3/24/2011	REG	G2P1LO	Y	39W	41W	37-39W	38-40W	38-40W	38W	36W	TERM AGA;
1/365	M	LN	2.75KG	20Y	4/7/2011	REG	G2A1	Y	38-39W	39W	36-37W	34-36W	38W	38-39W	36W	TERM AGA;
1/365	F	LN	3KG	22Y	4/1/2011	REG	G2A1	Y	40-41W	41W	37-39W	38-40W	40W	37W	35W	TERM AGA;
2/365	F	LN	2.4KG	23Y	4/17/2011	REG	PRIMI	Y	39-40	40W	34-36W	34-36W	38-40W	36W	33W	TERM LBW;
2/365	F	LN	2.5KG	30Y	4/10/2011	REG	G2P1L1	Y	38-39	40W	36-37W	34-36W	38-40W	38W	36W	TERM AGA;
2/365	M	LN	2.5KG	22Y	3/30/2011	REG	G2P1L1	Y	39-40W	40W	36-37W	36-37W	38-40W	38W	37W	TERM AGA;
1/365	M	LN	3KG	28Y	4/15/2011	REG	G2P1L1	Y	41W	41W	36-37W	38-40W	38-40W	37W	35W	TERM AGA;

1/365	M	LN	2.75KG	22Y	4/1/2011	REG	G2P1L1	Y	38-39W	41W	36-37W	38-40W	38-40W	37W	37W	TERM AGA;
2/365	M	LN	3.1K	19Y	4/6/2011	REG	PRIMI	Y	40W	41W	39-40W	38-40W	38-40W	40W	36W	TERM AGA;
1/365	F	LN	2.5KG	31Y	2/25/2011	REG	G4P1L1A2	Y	39-40W	41W	34-36W	34-36W	38-40W	38W	37W	TERM AGA;
2/365	M	LN	2.7KG	22Y	2/28/2011	REG	PRIMI	Y	38-39W	40W	36-37W	36-37W	40W	38-39W	36W	TERM AGA;
1/365	F	LN	2.8K	26Y	3/3/2011	REG	G2P1L1	Y	36-37W	38W	36-37W	36-37W	38-40W	38-39W	36W	TERM AGA;
2/365	F	LN	2.7KG	22Y	2/24/2011	REG	G2A1	Y	39-40W	41W	33-34W	34-36W	38-40W	39W	36W	TERM AGA;
2/365	M	LN	3.3KG	26Y	3/9/2011	REG	G4P2L1A1	Y	39-40W	41W	39-40W	38040W	38-40W	38W	36W	TERM AGA;
2/365	M	LN	2.6KG	19Y	2/27/2011	REG	G2A1	Y	38W	40W	37-39W	38-40W	38-40W	38W	37W	TERM AGA;
2/365	M	LN	2.8K	24Y	2/27/2011	REG	G2P1L1	Y	38W	40W	36-37W	36-37W	38-40W	38-39W	36W	TERM AGA;
2/365	F	LN	2.9KG	25Y	3/9/2011	REG	PRIMI	Y	37W	40W	36-37W	36-37W	38W	38-39W	36W	TERM AGA;
2/365	M	LN	3KG	29Y	3/13/2011	REG	G5P4L4	Y	40W	41W	37-39W	38-40W	38-40W	35W	35W	TERM AGA;
2/365	M	LN	3.5KG	20Y	2/18/2011	REG	PRIMI	Y	41W	41W	40-41W	38-40W	38-40W	40W	39W	TERM AGA;
2/365	F	LN	2.75KG	19Y	2/19/2011	REG	PRIMI	Y	39W	41W	37-39W	38-40W	38-40W	38-39W	38W	TERM AGA;
2/365	F	LN	3KG	30Y	2/13/2011	REG	G2P2L2	Y	40W	41W	36-37W	38-40W	40-42W	39-40W	39W	TERM AGA;
2/365	F	LN	2.3KG	25Y	3/7/2011	REG	PRIMI	Y	38W	40W	33-34W	34-36W	38W	37-38W	35W	TERM LBW;
2/365	M	LN	3KG	20Y	2/20/2011	REG	PRIMI	Y	40-41W	41W	37-39W	38-40W	38-40W	38-39W	38W	TERM AGA;
1/365	F	LN	3.5KG	21Y	2/28/2011	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	38-40W	37W	37W	TERM AGA;
1/365	M	LN	3KG	21Y	3/1/2011	REG	G7P1L1A5	Y	40W	41W	39-40W	38-40W	38-40W	37W	36W	TERM AGA;
2/365	F	LN	2.5KG	25Y	3/3/2011	REG	G3P1L1A1	Y	39W	40W	36-37W	34-36W	38-40W	38W+/1W	36W	TERM AGA;
1/365	M	LN	2.9KG	29Y	12/25/2011	REG	PRIMI	Y	40W	41W	36-37W	38-40W	38-40W	39W	37W	TERM AGA;
2/365	F	LN	3.2K	24Y	2/24/2011	REG	G2P1L1	Y	39W	41W	39-40W	38-40W	40W	40W	37W	TERM AGA;
1/365	M	LN	2.8K	23Y	3/7/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	38-40W	38W	35W	TERM AGA;
2/365	M	LN	3KG	22Y	3/8/2011	REG	G2P1L1	Y	41W	41W	36-37W	38-40W	38-40W	39W	35W	TERM AGA;
1/365	M	LN	2.7KG	23Y	3/10/2011	REG	PRIMI	Y	41W	41W	37-39W	38-40W	40W	37W	35W	TERM AGA;
1/365	M	LN	3.3KG	24Y	3/9/2011	REG	G2P1L1	Y	38W	40W	39-40W	38-40W	38-40W	39W+/1D	36W	TERM AGA;
2/365	M	LN	2.4KG	21Y	3/12/2011	REG	PRIMI	Y	41W	41W	34-36W	36-37W	40W	35W	34W	TERM LBW;
1/365	F	LN	2.6KG	23Y	2/24/2011	REG	PRIMI	Y	38-39W	39W	36-37W	34-36W	38W	36-37W	37W	TERM AGA;
2/365	M	LN	3KG	23Y	3/13/2011	REG	PRIMI	Y	40W	40W	37-39W	38-40W	38-40W	40W	35W	TERM AGA;
2/365	M	LN	2.7KG	35Y	2/22/2011	REG	G3P2L1	Y	40W	41W	37-39W	38-40W	40W	40W	37W	TERM AGA;
1/365	F	LN	3.3KG	20Y	3/1/2011	REG	PRIMI	Y	40W	40W	39-40W	38-40W	38-40W	39W	36W	TERM AGA;
2/365	M	LN	3KG	21Y	3/1/2011	REG	G2P1L1	Y	41W	41W	37-39W	38-40W	38-40W	37W	36W	TERM AGA;
2/365	M	LN	2.8KG	23Y	2/20/2011	REG	PRIMI	Y	41W	41W	36-37W	38-40W	38-40W	39W	38W	TERM AGA;
2/365	F	LN	3.25KG	32Y	2/20/2011	REG	G3P2L2	Y	39W	39W	37-39W	36-37W	38-40W	38W	38W	TERM AGA;
1/365	F	LN	2KG	19Y	2/25/2011	REG	PRIMI	Y	38W	38W	34-36W	34-36W	38-40W	37+/1W	37W	TERM LBW;
1/365	M	LN	2.6KG	26Y	2/26/2011	REG	PRIMI	Y	41W	41W	36-	3-40W	40W	37W	37W	TERM AGA;

											37W					
2/365	F	LN	3.3KG	25Y	3/15/2011	REG	PRIMI	Y	39W	41W	37-39W	38-40W	40W	38W	35W	TERM AGA;
2/365	f	ln	2.8kg	24y	3/4/2011	REG	PRIMI	y	39w	41w	36-37w	36-37w	38-40w	39w	37w	TERM AGA;
1/365	F	LN	2.275KG	23Y	3/26/2011	REG	G2P1L1	Y	39W	39W	33-34W	33-34W	38-40W	35W	33W	TERM LBW;
1/365	F	LN	2.7KG	21Y	3/8/2011	REG	G2P1L1	Y	39W	40W	34-36W	34-36W	38-40W	38-39W	36W	TERM AGA;
1/365	M	LN	3.1KG	20Y	3/24/2011	REG	PRIMI	Y	38W	39W	39-40W	38-40W	38-40W	38+/-2W	35W	TERM AGA;
1/365	M	LN	2.75KG	26Y	3/16/2011	REG	PRIMI	Y	38W	40W	36-37W	36-37W	38-40W	35W	35W	TERM AGA;
2/365	M	LN	2.8KG	22Y	3/2/2011	REG	PRIMI	Y	39W	40W	36-37W	36-37W	38-40W	37W	37W	TERM AGA;
2/365	M	LN	2.6KG	26Y	3/16/2011	REG	G3P2L2	Y	39-40W	40W	37-39W	38-40W	38-40W	40W	36W	TERM AGA;
2/365	F	LN	2.6KG	25Y	3/8/2011	REG	PRIMI	Y	39-40W	41W	34-36W	34-36W	38-40W	39W	37W	TERM AGA;
2/365	M	LN	2.8KG	22Y	3/13/2011	REG	PRIMI	Y	39-40W	41W	37-39W	38-40W	38-40W	39W	37W	TERM AGA;
1/365	F	LN	2.6KG	29Y	4/1/2011	REG	G3P2L2	Y	38-39W	39W	37-39W	36-37W	38-40W	38W	35W	TERM AGA;
1/365	F	LN	3.2KG	24Y	3/24/2011	REG	PRIMI	Y	38W	39W	37-39W	38-40W	38-40W	40W	35W	TERM AGA;
1/365	F	LN	2.5KG	25Y	3/25/2011	REG	PRIMI	Y	38W	40W	36-37W	34-36W	38-40W	36W	35W	TERM AGA;
1/365	F	LN	2.3KG	27Y	3/17/2011	REG	PRIMI	Y	39-40W	40W	34-36W	34-36W	38-40W	37W	36W	TERM LBW;
2/365	F	LN	2.3KG	19Y	3/24/2011	REG	PRIMI	Y	38-39W	41W	34-36W	34-36W	38W	35W	35W	TERM LBW;
2/365	M	LN	2.9KG	21Y	3/26/2011	REG	PRIMI	Y	39W	41W	36-37W	38-40W	38-40W	36W	35W	TERM AGA;
2/365	M	LN	2.8KG	23Y	4/7/2011	REG	G2P1L1	Y	38W	39W	36-37W	36-37W	38-40W	39W	34W	TERM AGA;
2/365	M	LN	2.75KG	20Y	3/15/2011	REG	PRIMI	Y	41W	41W	37-39W	38-40W	40-42W	41W	37W	TERM AGA;
1/365	F	LN	2.5KG	23Y	10/1/2010	REG	G2P1L1A1	Y	38W	39W	39-40W	38-40W	38W	38W	35W	TERM AGA; NBS,USG
1/365	M	LN	2.8KG	23Y	9/7/2010	REG	G2P1L1	Y	39-40W	39W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; ALL CORI
1/365	F	LN	2.8KG	23Y	9/22/2010	REG	G2P1L1	Y	40-41W	41W	39-40W	38-40W	38-40W	38+/-1W	36W	TERM AGA; NBS,USG
1/365	M	LN	3.2KG	19Y	9/10/2010	REG	PRIMI	Y	39-40W	41W	≥40	≥40W	40-42W	38+/-1W	38W	TERM AGA; NBS, FN,
1/365	M	LN	2.8KG	25Y	8/27/2010	REG	G3P2L2	Y	40-41W	41W	39-40W	38-40W	38-40W	40+/-1W	39W	TERM AGA; ALL CORI
1/365	M	LN	2.3KG	27Y	9/7/2010	REG	G2P1L1	Y	39-40W	40W	36-37W	38-40W	38-40W	38+/-1W	37W	TERM LBW; NBS,USG
3/365	M	LN	3.2KG	21Y	9/10/2010	REG	G2P1L1	Y	39-40W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA; NBS,FN,E
2/365	F	LN	2.2KG	19Y	9/19/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	38W	35-36W	36W	TEEN PREG + ANAEM WELL
2/365	F	LN	2.5KG	26Y	9/12/2010	REG	G6P2L1A3	Y	40-41W	40W	37-39W	38-40W	40W	36W	37W	TERM AGA; NBS,FN,F
1/365M	M	LN	3KG	24Y	9/17/2010	REG	G2P1L1	Y	41-42W	41W	37-39W	38-40W	38-40W	38W	37W	TERM AGA; NBS,USG
1/365	F	LN	2.5KG	24Y	9/16/2010	REG	PRIMI	Y	38-39W	40W	37-39W	36-37W	38-40W	38W	37W	TERM AGA; NBS,USG
2/365	M	LN	2.3KG	19Y	10/1/2010	REG	PRIMI	Y	38-39W	40W	34-36W	34-36W	40W	35-36W	35W	TEEN PREG + IUGR; N
1/365	M	LN	2.7KG	28Y	9/16/2010	REG	G2P1L1	Y	38-39W	39W	36-37W	36-37W	38-40W	40W	37W	TERM AGA; NBS,USG
1/365	M	LN	2.3KG	20Y	9/19/2010	REG	PRIMI	Y	39-40W	40W	36-37W	38-40W	38-40W	38W	37W	TERM LBW; NBS,FN,F
1/365	F	LSCS	3KG	38Y	9/1/2010	REG	G3P1L1A1	Y	40-41W	41W	39-40W	38-40W	40-42W	40W	39W	TERM AGA; NBS,USG
2/365	M	LSCS	2.8KG	29Y	9/15/2010	NR	PRIMI	Y	39-40W	41W	34-36W	36-37W	38-40W	37W	37W	MILD PIH + INFERTILI

1/365	F	LSCS	3KG	23Y	9/11/2010	REG	PRIMI	Y	37-38W	40W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; NBS,USG
1/365	F	LSCS	2.2KG	23Y	9/10/2010	REG	G3P2L2	Y	38-39W	38W	33-34W	34-36W	40W	38-39W	38W	TERM IUGR; USG,DA
2/365	F	LSCS	3KG	22Y	9/5/2010	REG	PRIMI	Y	39-40W	41W	39-40W	38-40W	38-40W	38W	38W	TERM AGA; NBS,USG
2/365	M	LSCS	2.8KG	22Y	10/6/2010	REG	G2A1	Y	39-40W	39W	39-40W	38-40W	38-40W	37W	34W	PIH; TERM AGA; NBS
1/365	F	LSCS	2.9KG	23Y	9/11/2010	REG	G2P1L1	Y	38-39W	39W	36-37W	34-36W	38-40W	37W	38W	TERM AGA; NBS,DAT
1/365	M	LSCS	2.7KG	22Y	9/3/2010	REG	PRIMI	Y	39-40W	40W	36-37W	36-37W	38-40W	37W	39W	TERM AGA; NBS, DA
1/365	M	LSCS	2.5KG	28Y	9/1/2010	REG	G2P1L1	Y	38-39W	40W	36-37W	38-40W	38-40W	38W	39W	TERM AGA; NBS,USG
1/365	F	LSCS	2.3KG	25Y	9/18/2010	REG	G2P1L1	Y	39-40W	41W	34-36W	34-36W	38-40W	38W	37W	TERM LBW; NBS, FN
1/365	F	LSCS	3.4KG	23Y	9/10/2010	REG	PRIMI	Y	40-41W	41W	39-40W	38-40W	38-40W	39-40W	38W	TERM AGA; NBS,USG
1/365	F	LSCS	2.4KG	26Y	9/18/2010	REG	PRIMI	Y	4O-41W	41W	36-37W	36-37W	4OW	38W	36W	TERM LBW; NBS,FN
3/365	M	LSCS	2.9KG	23Y	9/15/2010	REG	G2P1L1	Y	37-38W	39W	36-37W	36-37W	38W	37W	37W	TERM AGA; USG,DAT
1/365	F	LN	2.275KG	23Y	3/26/2011	REG	G2P1L1	Y	39W	39W	33-34W	33-34W	38-40W	35W	33W	TERM LBW;
1/365	F	LN	2.7KG	21Y	3/8/2011	REG	G2P1L1	Y	39W	40W	34-36W	34-36W	38-40W	38-39W	36W	TERM AGA;
1/365	M	LN	3.1KG	20Y	3/24/2011	REG	PRIMI	Y	38W	39W	39-40W	38-40W	38-40W	38+/-2W	35W	TERM AGA;
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LSCS	1.2KG	25Y	6/2/2010	NR	G2P1L0	Y	36W	37W	28-30W	31-33W	36W	31+/-2W	36W	LATE PRETERM IUGR
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LN	2.2KG	22Y	10/9/2010	REG	PRIMI	Y	37-38W	39W	33-34W	34-36W	36-38W	34W	34W	NEAR TERM IUGR;NE
2/365	M	LN	2.2KG	20Y	10/7/2011	REG	PRIMI	Y	38-39W	39W	34-36W	34-36W	36-38Y	36-37W	34-35W	NEAR TERM LBW; NE
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-	34-36W	38-	34W	34W	NEAR TERM LBW;

											36W		39W			
1/365	M	LN	2.3KG	24Y	4/3/2011	REG	G2P1L1	Y	36-37W	38W	33-34W	34-36W	38W	37W	37W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LSCS	1.2KG	25Y	6/2/2010	NR	G2P1L0	Y	36W	37W	28-30W	31-33W	36W	31+/-2W	36W	LATE PRETERM IUGR
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LN	2.2KG	22Y	10/9/2010	REG	PRIMI	Y	37-38W	39W	33-34W	34-36W	36-38W	34W	34W	NEAR TERM IUGR;NB
2/365	M	LN	2.2KG	20Y	10/7/2011	REG	PRIMI	Y	38-39W	39W	34-36W	34-36W	36-38Y	36-37W	34-35W	NEAR TERM LBW; NB
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA

1/365	M	LSCS	1.2KG	25Y	6/2/2010	NR	G2P1L0	Y	36W	37W	28-30W	31-33W	36W	31+/-2W	36W	LATE PRETERM IUGR
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LN	2.2KG	22Y	10/9/2010	REG	PRIMI	Y	37-38W	39W	33-34W	34-36W	36-38W	34W	34W	NEAR TERM IUGR;NE
2/365	M	LN	2.2KG	20Y	10/7/2011	REG	PRIMI	Y	38-39W	39W	34-36W	34-36W	36-38Y	36-37W	34-35W	NEAR TERM LBW; NE
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	M	LN	2.3KG	24Y	4/3/2011	REG	G2P1L1	Y	36-37W	38W	33-34W	34-36W	38W	37W	37W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-	34-36W	36-	37W	35W	NEAR TERM LBW;

											34W		38W			
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	M	LN	2.3KG	24Y	4/3/2011	REG	G2P1L1	Y	36-37W	38W	33-34W	34-36W	38W	37W	37W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LSCS	1.2KG	25Y	6/2/2010	NR	G2P1L0	Y	36W	37W	28-30W	31-33W	36W	31+/-2W	36W	LATE PRETERM IUGR

1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LN	2.2KG	22Y	10/9/2010	REG	PRIMI	Y	37-38W	39W	33-34W	34-36W	36-38W	34W	34W	NEAR TERM IUGR;NE
2/365	M	LN	2.2KG	20Y	10/7/2011	REG	PRIMI	Y	38-39W	39W	34-36W	34-36W	36-38Y	36-37W	34-35W	NEAR TERM LBW; NE
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	M	LN	2.3KG	24Y	4/3/2011	REG	G2P1L1	Y	36-37W	38W	33-34W	34-36W	38W	37W	37W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-	38W	34-	34-36W	36-	36W	34W	NEAR TERM; NBS,FN

									37W		36W		38W			
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LSCS	1.2KG	25Y	6/2/2010	NR	G2P1L0	Y	36W	37W	28-30W	31-33W	36W	31+/-2W	36W	LATE PRETERM IUGR
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LN	2.2KG	22Y	10/9/2010	REG	PRIMI	Y	37-38W	39W	33-34W	34-36W	36-38W	34W	34W	NEAR TERM IUGR;NB
2/365	M	LN	2.2KG	20Y	10/7/2011	REG	PRIMI	Y	38-39W	39W	34-36W	34-36W	36-38Y	36-37W	34-35W	NEAR TERM LBW; NB
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LSCS	1.2KG	25Y	6/2/2010	NR	G2P1L0	Y	36W	37W	28-30W	31-33W	36W	31+/-2W	36W	LATE PRETERM IUGR
1/365	M	LN	1.8KG	22Y	5/18/2010	REG	PRIMI	Y	35.7W	39W	34-36W	34-36W	36-38W	35W	35W	NEAR TERM IUGR+PI
1/365	F	LSCS	2.5KG	28Y	5/24/2010	NR	G3P2L1	Y	36-37W	40W	36-37W	34-36W	34-36W	32-33W	36W	LATE PRETERM AGA;
1/365	M	FORCEPS	2.4KG	28Y	6/10/2010	REG	G2P1L1	Y	36-37W	39W	36-37W	36-37W	36-38W	37W	34W	NEAR TERM AGA
1/365	M	LN	2.2KG	22Y	10/9/2010	REG	PRIMI	Y	37-38W	39W	33-34W	34-36W	36-38W	34W	34W	NEAR TERM IUGR;NB
2/365	M	LN	2.2KG	20Y	10/7/2011	REG	PRIMI	Y	38-39W	39W	34-36W	34-36W	36-38Y	36-37W	34-35W	NEAR TERM LBW; NB
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;

1/365	M	LN	2.3KG	24Y	4/3/2011	REG	G2P1L1	Y	36-37W	38W	33-34W	34-36W	38W	37W	37W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-37W	39W	33-34W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; FN
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	M	LN	2.3KG	24Y	4/3/2011	REG	G2P1L1	Y	36-37W	38W	33-34W	34-36W	38W	37W	37W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
2/365	M	LN	2.2KG	24Y	9/19/2010	REG	G3P1L1A1	Y	34-35W	36W	34-36W	34-36W	36-38W	36W	34W	LATE PERTERM LBW;
3/365	F	LN	2.5KG	21Y	12/2/2010	REG	G2A1	Y	37-38W	38W	34-36W	34-36W	36-38W	36-37W	35W	NEAR TERM AGA; NB
3/365	M	LN	2.6KG	27Y	12/17/2010	REG	PRIMI	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	33W	NEAR TERM; FN, NBS
3/365	F	LN	2.5KG	21Y	12/1/2010	REG	PRIMI	Y	36-	39W	33-	34-36W	36-	36-37W	35W	NEAR TERM AGA; FN

									37W		34W		38W			
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
2/365	F	LN	2.2KG	22Y	3/17/2011	REG	G2A1	Y	37W	39W	34-36W	34-36W	36-38W	36-37W	37W	NEAR TERM LBW;
1/365	M	LN	2.2KG	23Y	4/5/2011	REG	G2P1L1	Y	36W	36W	34-36W	34-36W	38-39W	34W	34W	NEAR TERM LBW;
1/365	F	LN	2.3KG	25Y	2/25/2011	REG	G2P1L1	Y	38-39W	39W	34-36W	34-36W	36-38W	36W	36W	NEAR TERM AGA;
1/365	M	LN	3KG	20Y	3/15/2011	REG	PRIMI	Y	37W	40W	37-39W	38-40W	36-37W	37W	35W	NEARTERM AGA;
1/365	F	LN	2.25KG	22Y	4/8/2011	REG	PRIMI	Y	35W	40W	34-36W	34-36W	36-38W	35W	32W	NEAR TERM LBW;
1/365	M	LN	2KG	20Y	3/17/2011	REG	PRIMI	Y	38W	39W	33-34W	34-36W	36-38W	37W	35W	NEAR TERM LBW;
1/365	F	LN	2.3KG	24Y	9/7/2010	REG	G2P1L1	Y	36-37W	38W	34-36W	34-36W	36-38W	36W	34W	NEAR TERM; NBS,FN
1/365	F	LSCS	2.5KG	22Y	15-09-=10	REG	PRIMI	Y	37-38W	40W	34-36W	34-36W	36W	36W	37W	LATE PRETERM AGA;
1/365	M	LSCS	1.8KG	26Y	6/19/2010	REG	G3A2	Y	34-35W	37W	33-34W	34-35W	34W	34W	34W	PRETERM - AGA, COR
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-	31-33W	32-	31-32W	32W	PRETERM AGA;

											33W		34W			
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2/365	M	LN	850G	22Y	12/7/2010	REG	G2P1L0	Y	28W	27W	<28W	<28W	28W	26-27W	24-26W	PRETERM AGA; ALL C
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LSCS	1.8KG	26Y	6/19/2010	REG	G3A2	Y	34-35W	37W	33-34W	34-35W	34W	34W	34W	PRETERM - AGA, COR
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2/365	M	LN	850G	22Y	12/7/2010	REG	G2P1L0	Y	28W	27W	<28W	<28W	28W	26-27W	24-26W	PRETERM AGA; ALL C
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LSCS	1.8KG	26Y	6/19/2010	REG	G3A2	Y	34-35W	37W	33-34W	34-35W	34W	34W	34W	PRETERM - AGA, COR
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;

2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2/365	M	LN	850G	22Y	12/7/2010	REG	G2P1L0	Y	28W	27W	<28W	<28W	28W	26-27W	24-26W	PRETERM AGA; ALL C
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LSCS	1.8KG	26Y	6/19/2010	REG	G3A2	Y	34-35W	37W	33-34W	34-35W	34W	34W	34W	PRETERM - AGA, COR
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-	31-33W	32-	32=33W	33W	PRETERM AGA

											33W		34W			
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2/365	M	LN	850G	22Y	12/7/2010	REG	G2P1L0	Y	28W	27W	<28W	<28W	28W	26-27W	24-26W	PRETERM AGA; ALL C
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LSCS	1.8KG	26Y	6/19/2010	REG	G3A2	Y	34-35W	37W	33-34W	34-35W	34W	34W	34W	PRETERM - AGA, COR
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA

2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2/365	M	LN	850G	22Y	12/7/2010	REG	G2P1L0	Y	28W	27W	<28W	<28W	28W	26-27W	24-26W	PRETERM AGA; ALL C
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LSCS	1.8KG	26Y	6/19/2010	REG	G3A2	Y	34-35W	37W	33-34W	34-35W	34W	34W	34W	PRETERM - AGA, COR
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;

2/365	M	LN	850G	22Y	12/7/2010	REG	G2P1L0	Y	28W	27W	<28W	<28W	28W	26-27W	24-26W	PRETERM AGA; ALL C
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LSCS	1.8KG	26Y	6/19/2010	REG	G3A2	Y	34-35W	37W	33-34W	34-35W	34W	34W	34W	PRETERM - AGA, COR
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2/365	M	LN	850G	22Y	12/7/2010	REG	G2P1L0	Y	28W	27W	<28W	<28W	28W	26-27W	24-26W	PRETERM AGA; ALL C
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LSCS	1.8KG	26Y	6/19/2010	REG	G3A2	Y	34-35W	37W	33-34W	34-35W	34W	34W	34W	PRETERM - AGA, COR
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-	34W	28W	<30W	30-	30+/-1W	31W	PRETERM AGA

									31W				32W			
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2/365	M	LN	850G	22Y	12/7/2010	REG	G2P1L0	Y	28W	27W	<28W	<28W	28W	26-27W	24-26W	PRETERM AGA; ALL C
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LN	1KG	23Y	6/10/2010	REG	PRIMI	Y	35W	37W	33-34W	34-36W	34-36W	29W	34-35W	PRETERM IUGR WITH
1/365	M	LSCS	1.8KG	26Y	6/19/2010	REG	G3A2	Y	34-35W	37W	33-34W	34-35W	34W	34W	34W	PRETERM - AGA, COR
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;

2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;
2/365	M	LSCS	2KG	22Y	5/25/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	34W	33W	PRETERM AGA;
2/365	M	LN	1.5KG	20Y	5/30/2011	REG	PRIMI	Y	34-35W	37W	33-34W	34-36W	34-36W	33-34W	33W	PRETERM LBW
2/365	F	LN	1.3KG	24Y	6/17/2011	REG	G4P2LOA1	Y	30-31W	34W	28W	<30W	30-32W	30+/-1W	31W	PRETERM AGA
2/365	F	LN	1.4KG	20Y	6/22/2012	REG	PRIMI	Y	30-31W	36W	28-30W	31-33W	30-32W	30-31W	30W	PRETERM AGA;
2/365	F	LN	1.5KG	24Y	7/4/2011	REG	G3P2L2	Y	33-34	37W	28-30W	31-33W	34-36W	30-32W	30W	PRETERM LBW
2/365	F	LN	2KG	19Y	5/26/2011	REG	PRIMI	Y	35-36W	38W	33-34W	33-34W	36W	33+/-1W	34W	PRETERM LBW;
2/365	M	LN	2KG	24Y	6/23/2011	REG	G3P2L2	Y	34-35W	37W	31-33W	33-34W	34-36W	34W	30W	PERTERM AGA
3/365	F	LN	1.9KG	18Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	32=33W	33W	PRETERM AGA
1/365	M	LN	1.75KG	24Y	5/28/2011	REG	PRIMI	Y	32W	36W	31-33W	31-33W	32-34W	31-32W	32W	PRETERM AGA;
2/365	M	LSCS	2KG	27Y	6/15/2011	REG	PRIMI	Y	34-35W	37W	34-36W	34-36W	34-36W	34+/-1W	34W	PRETERM AGA;
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2/365	F	LN	1.2KG	20Y	6/12/2011	REG	PRIMI	Y	31W	34W	28W	<30W	32W	30+/-1W	31W	PRETERM LBW;
2.365	F	LN	1.9KG	21Y	5/6/2011	REG	PRIMI	Y	34-35W	37W	34-36W	33-34W	34-36W	35W	36W	PRETERM AGA;

ABBREVIATIONS:

SFD – Small for date

AFD – Adequate for date

LFD – Large for date

LBW – Low birth weight

SGA – small for gestational age

IUGR – Intra uterine growth retardation

NBS – New Ballard scoring

FINN – Finnstorm

PAR – Parkin

ER - Eregie

HC – Head circumference

MAC – Mid arm circumference

AC – Abdominal circumference

USG – Ultrasound

CRL – Crown rump length

BPD – Biparietal diameter

FL – Femur length

LMP – Last menstrual period

OCP – Oral contraceptive pills

LS Ratio – Lecithin-sphingomyelin Ratio

PIH – Pregnancy induced hypertension

GDM – Gestational diabetes mellitus

APH – Ante partum haemorrhage

PPROM – Preterm premature rupture of membranes

IVH – Intra ventricular haemorrhage

PDA – Patent ductus arteriosus

ROP – Retinopathy of prematurity

HB - Haemoglobin

Ref. No. 5336 /E4/3/2012

Govt. Rajaji Hospital,
Madurai.20. Dated: .08.2012

Institutional Review Board / Independent Ethics Committee.
Dr. N. Mohan, M.S., F.I.C.S., F.A.I.S.,
Dean, Madurai Medical College & 2521021 (Secy)
Govt Rajaji Hospital, Madurai 625020.
Convenor
grhethicssecy @gmail.com.

Sub: Establishment-Govt. Rajaji Hospital, aMadurai-20-
Ethics committee-Meeting Agenda-communicated-regarding.

The Ethics Committee meeting of the Govt. Rajaji Hospital, Madurai was held at 11.00 Am to 1.00Pm on 28.06.2012 at the Dean Chamber, Govt. Rajaji Hospital, Madurai. The following members of the committee have been attended the meeting.

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1. Dr.N.Vijayasankaran,M.ch(Uro.) 094-430-58793 0452-2584397	Sr.Consultant Urologist Madurai Kidney Centre, Sivagangai Road,Madurai	Chairman
2. Dr.P.K. Muthu Kumarasamy, M.D., 9843050911	Professor & H.O.D of Medical, Oncology(Retired)	Member Secretary
3. Dr.T.Meena,MD 094-437-74875	Professor of Physiology, Madurai Medical College	Member
4. Dr. S. Thamilarasi, M.D (Pharmacol)	Professor of pharmacology	
5.Dr.Moses K.Daniel MD(Gen.Medicine) 098-421-56066	Professor of Medicine Madurai Medical College	Member
6.Dr.M.Gobinath,MS(Gen.Surgery)	Professor of Surgery Madurai Medical College	Member
7.Dr.S. Dilshadh, MD(O&G) 9894053516	Professor of OP&Gyn Madurai Medical College	Member
8.Dr.S.Vadivel Murugan., M.D, 097-871-50040	Professor of Medicine Madurai Medical College	Member
9.Shri.M.Sridher,B.sc.B.L. 099-949-07400	Advocate, 2, Deputy collectors colony 4th street KK Nagar, Madurai-20.	Member
10.Shri.O.B.D.Bharat,B.sc., 094-437-14162	Businessman Plot No.588, K.K.Nagar,Madurai.20.	Member
11.Shri. S.sivakumar,M.A(Social) Mphil 093-444-84990	Sociologist, Plot No.51 F.F, K.K Nagar, Madurai.	Member

Following Projects were approved by the committee

57.	Dr. Ramya. P	M.D Paed	Assessment of gestational age in neonates by simple physical examination criteria.	Approved

Please note that the investigator should adhere the following: She/He should get a detailed informed consent from the patients/participants and maintain Confidentially.

1. She/He should carry out the work without detrimental to regular activities as well as without extra expenditure to the institution to Government.
2. She/He should inform the institution Ethical Committee in case of any change of study procedure site and investigation or guide.
3. She/He should not deviate for the area of the work for which applied for Ethical clearance.
She/He should inform the IEC immediately, in case of any adverse events pr Serious adverse reactions.
4. She/he should abide to the rules and regulations of the institution.
5. She/He should complete the work within the specific period and apply for if any Extension of time is required She should apply for permission again and do the work.
6. She/He should submit the summary of the work to the Ethical Committee on Completion of the work.
7. She/He should not claim any funds from the institution while doing the word or on completion.
8.She/He should understand that the members of IEC have the right to monitor the work with prior intimation.

17.8.12

DEAN I/c.

O/C

HI
8/18/2012

To
All the above members and Head of the Departments concerned.
All the Applicants.

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A DISSERTATION ON GESTATIONAL AGE ASSESSMENT IN NEWBORN USING SIMPLE PHYSICAL CRITERIA M.D (BRANCH VII) PAEDIATRIC MEDICINE APRIL 2013 THE TAMILNADU DR.M.G.R. MEDICAL UNIVERSITY CHENNAI, TAMILNADU CERTIFICATE This is to certify that the dissertation entitled "GESTATIONAL AGE ASSESSMENT OF NEWBORN USING SIMPLE PHYSICAL CRITERIA" submitted by DR.P.RAMYA to the faculty of paediatrics, The Tamil Nadu DR.M.G.R. Medical University, Chennai in partial fulfilment of the requirements for the award of M.D Degree Branch VII (Paediatrics) is a bonafide research work carried out by her under our direct supervision and guidance. DR.G.MATHEVAN, M.D., DCH., Director In Charge, Professor and Head of the...

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